Ag 84 Ah

AGRICULTURE HANDBOOK NO. 305

U. S. DEPT. OF AGRICULTURE NATIONAL AGRICULTURAL LIBRARY

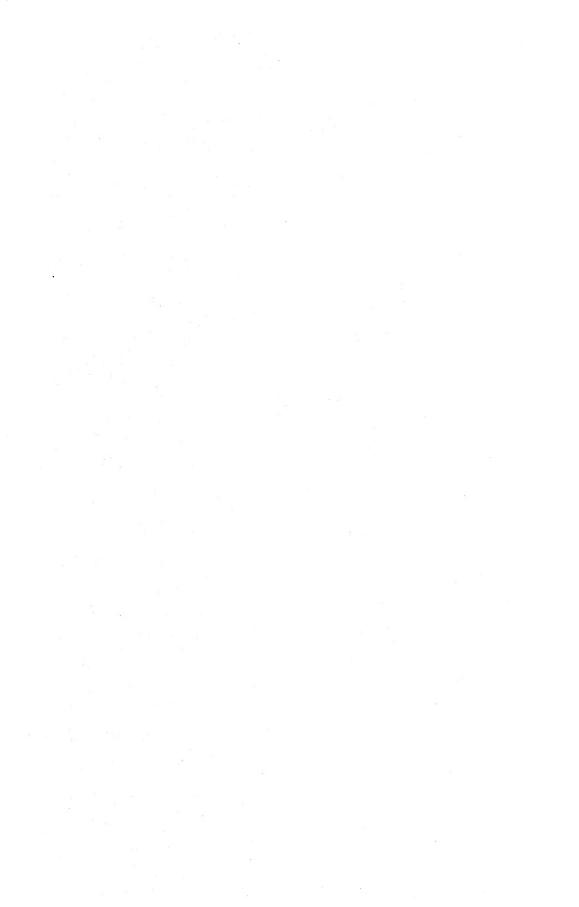
NOV 20 1970

CURRENT SERIAL RECORDS

PROFESSIONAL WORKERS IN
STATE AGRICULTURAL EXPERIMENT
STATIONS AND OTHER
COOPERATING STATE INSTITUTIONS

Revised March 1969

Cooperative State Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.



1968-69

# PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

Revised March 1969

Cooperative State Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.

### KEY TO ABBREVIATIONS\*

Acct(s)	Account(s), Accountant, Accounting	Code estacl	Padaminal and Padaminal
Acta	Acting	Endocrinol	Endocrinologist, Endocrinology
Admin	Administration, Administrative	Engin	Engineer, Engineering
Admin	Administrator Administrator	Engl	• English
		Enol	Enologist, Enology
Adv	Adviser(s)	Environ	Environment, Environmental
Agr	Agricultural, Agriculture, Agriculturist	Epidem	Epidemiologist
Agron	Agronomist, Agronomy	Equip	Equipment
Agrostol	Agrostologist, Agrostology	ERS	United States Economic Research Service
Agt(s)	Agent(s)	Eval	Evaluation
Anal	Analyses, Analysis, Analyst, Analytical	Exec	Executive
Anat	Anatomist, Anatomy	Exp	Express
Anim	Animal(s)	Expt	Experiment(s), Experimental,
Apic	Apiculture, Apiculturist		Experimentalist
Arch	Architect, Architectural, Architecture	Ext(s)	Extension(s)
ARS	United States Agricultural Research	Fam	Family
	Service	Fed	Federal
Assoc	Associate, Association(s)	Fert	Fertility, Fertilizer
Asst	Assistant	Fdn	Foundation
Aud	Audio, Auditor	Flor	Floricultural, Floriculture,
Bact	Bacteriologist, Bacteriology		Floriculturist
Biochem	Biochemical, Biochemist, Biochemistry	For	Forest, Forester, Forestry
Biol	Biological, Biologist, Biology	FS	United States Forest Service
Biomet	Biometric(s), Biometrical, Biometrician,	Ft	Fort
	Biometry	Fum	Furnishings
Biophys	Biophysics	Gard	Garden, Gardener, Gardening
Bldg(s)	Building(s)	Gen	General
Bot	Botanical, Botanist, Botany	Genet	Geneticist, Genetics
Br	Branch	Geog	Geography
Brdg	Breeding	Geol	Geological, Geologist, Geology
Brdr	Breeder	Govt	Government
Bul	Bulletin	Grad	Graduate
Bur	Bureau		
Bus	Business	HEW	United States Department of Health,
Certif	Certificate, Certification	***	Education, and Welfare
Chanc	Chancellor	Hist	History
Chem	Chemical(s), Chemist, Chemistry	Histol	Histologist, Histology
Chg	Charge	Hort	Horticultural, Horticulture,
Chmn	Chairman		Horticulturist
Citric	Citriculture, Citriculturist	Husb	Husbandman, Husbandry
Civ	Civil	Hyg	Hygiene, Hygienist
Climatol	Climatologist, Climatology	Illus	Illustration, Illustrative, Illustrator
Clin	Clinic(s) Clinical, Clinician	Immunol	Immunologist, Immunology
Clk	Clerk	Impr	Improvement(s)
Cloth	Clothing	Indus	Industrial, Industries, Industry
		Inform	Information, Informationist
Col	College	Ins	Insect(s)
Collab	Collaborating, Collaborator	Insp	Inspection, Inspector(s)
Com	Commercial	Inst(s)	Institute(s), Institution(s), Institutional
Commun	Communication(s)	Instr	Instruction, Instructor
Comn	Commission	Int	Interior
Compar	Comparative	Internatl	International
Conf	Conference(s)	Introd	Introduction
Conserv	Conservation, Conservationist	Invest	Investigation(s), Investigational,
Consult	Consultant, Consulting		Investigator
Consum	Consumer	Irrig	Irrigation, Irrigationist
C & MS	Consumer and Marketing Service	Itin	Itinerant
Cont	Continuing	Junc	Junction
C∞p(s)	Cooperation, Cooperative(s), Cooperator	Lab(s)	Laboratories, Laboratory
Coord	Coordinator	Landsc	Landscape
Cult	Culture, Culturist	Lect	Lecturer
Cytogenet	Cytogeneticist, Cytogenetics	Ldr	Leader
Cytol	Cytologist, Cytology	Libr(s)	Librarian, Libraries, Library
Def	Defense	Limnol	Limnology
Demon(s)	Demonstration(s), Demonstrator	Mach	
Dep	Deputy	Mater	Machine(s), Machinery
Dept(s)	Department(s)	Math	Material(s) Mathematical, Mathematician
Devlpmt	Development	MIGHT	
Dir	Director(s)	Mech	Mathematics
Dis	Disease(s)	Mech	Mechanical, Mechanics, Mechanization,
Dis Dist	Disease(s) District	Mod	Mechanized
		Med	Medical, Medicine
Distrib	Distribution, Distributive, Distributor	Met	Meteorologist, Meteorology
Div	Division	Mfg	Manufacturing
Drain	Drainage	Mfr(s)	Manufacture(s), Manufacturer
Ecol	Ecological, Ecologist, Ecology	Mgr	Manager
Econ	Economic(s), Economist, Economy	Mgt	Management
Ed	Editor, Editorial	Microbiol	Microbiologist, Microbiology
Educ	Education, Educational, Educator	Micros	Microscopist
Elec	Electric, Electrical, Electrification	Mkt(s)	Market(s)
Elem	Elementary	Mktg	Marketing
Ent	Entomological, Entomologist, Entomology	Morphol	Morphologist, Morphology
Embryol	Embryology	Mt	Mount, Mountain

### Key to Abbreviations\* - Continued

Mycologist, Mycology Mycol Natl National Nematol Nematologist, Nematology Nutr Nutrition, Nutritionist Obstetrical, Obstetrics Ohstet Occupational Occup

Office, Officer(s) Off Oler Olericulture, Olericulturist

Operating, Operation(s), Operator Oper Organization(s) Organ

Ornamental(s) Ornam Omithologist, Omithology Ornith

Parasitologist, Parasitology Parasitol Pathological, Pathologist, Pathology Path Pedol

Per Periodical Pers Personnel Pharmaceutical, Pharmacist, Pharmacy Pharm

Pharmacol Pharmacologist, Pharmacology Photographer, Photography Photog Physical, Physicist, Physics Phys Physiological, Physiologist, Physiology Phytopathologist, Phytopathology Physiol Phytopath

Phytophysiol Phytophysiologist, Phytophysiology ΡO Post Office Pomol Pomological, Pomologist, Pomology

Practical, Practice(s) Pract Pres President Preservation Preserv Prev Preventive

Principal Prin Process(es), Processing Proc Product(s), Production Professional, Professor Prod(s) Prof

Program(s) Prog Proi Project(s) Prov Provost

Psychological, Psychology Psychol Point

Pub(s) Publication(s) Radiation Radiat Radiobiology Radiobiol Radiochem Radiochemistry

Radiology Radiol Registrar Rea

Related, Relations, Relationships Relat Research, Researcher

Res Rpt(s) Report(s)

RR Railroad Route Rte

Sanitarian, Sanitary, Sanitation Sanit Sch

Science(s), Scientific, Scientist Sci SCS United States Soil Conservation

Service

Secon Secondary Sect(s) Section(s) Secy Secretary Serologist, Serology Serol

Service(s) Serv Silviculture, Silviculturist Silvic Sociol Sociologist, Sociology Spec Special, Specialist(s)

Saint Sta(s) Station(s)

Statistical, Statistician, Statistics Statis Stud Student(s)

Subi Subject Substation(s) Substa(s) Superintendent Supt Supervisor, Supervisory Supvr Surg Surgeon, Surgery Surv Survey, Surveyor System, Systematist Syst Taxonomist, Taxonomy Taxon Tchr Teacher

Technical, Technician(s) Tech Technologist, Technology Technol Tے۱ Telephone Telea Telegraph Text Textile(s) Ther Therapy

Tob Tobacco Toxicol Toxicologist, Toxicology

Treas Treasurer Trainer Tmr Television TV

TVA Tennessee Valley Authority

Univ University

United States Department of Agriculture USDA USDC United States Department of Commerce USDI United States Department of the Interior USPHS United States Public Health Service Utilities, Utility, Utilization Util

Vegetable(s), Vegetation Veterinarian, Veterinary Virologist, Virology Vea Vet Virol

Vis Visual

Viticultural, Viticulture, Viticulturist Vitic

Vocat Vocational

YMW Young Men and Women Zoological, Zoologist, Zoology Zool

Zoophysiol Zoophysiology

\*This list is not complete. New abbreviations are added each year by various schools, and it is impossible, in the time available for producing each Directory, to detect all

new abbreviations and add them to the list.

### PREFACE

The following explanations apply throughout the publication:

Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

Corrected to September 1968. Published since 1889.

### COOPERATIVE STATE RESEARCH SERVICE

T C BYERLY PhD Admin (Tel 202-388-4423)

H C KNOBLAUCH PhD Assoc Admin (Tel 202-388-7441) G F BURKS BS Asst Admin Coop For Res (Tel 202-388-4913)

T S RONNINGEN PhD Asst Admin Formula Funds (Tel 202-388-4587)

C F SIERK PhD Asst Admin Regional and Nonformula Funds (Tel 202-388-6827)

B F BEACHER PhD Asst to Admin Res Commun and Regional Res Coordinator (Tel 202-388-5260)

H A DUNN PhD Asst to Admin Prog Eval (Tel 202-388-6841)

C M RINGUETTE MCS Asst to Admin Off (Tel 202-388-6845)

N G BRANDENBURG PhD Prog Off Prog Eval (Tel 202-388-5322)

### Animal Science Program

J O GRANDSTAFF BS Dir (Tel 202-388-6209)
E C MILLER PhD Poultry and Swine Nutr
(Tel 202-388-6569)
C R RICHARDS PhD Ruminant Nutr (Tel 202-388-4589)
W E SHAKLEE PhD Poultry Genet (Tel 202-388-5059)
E J SPLITTER DVM MS Vet Sci (Tel 202-388-5620)
J F SYKES PhD Anim Physiol (Tel 202-388-3880)

S E ZOBRISKY PhD Anim Physiol (Tel 202-388-5819)

### Cooperative Forestry Program

G F BURKS BS Asst Admin (Tel 202-388-4913)
P N JORANSON PhD Asst to Asst Admin (Tel 202-388-4024)
W H CHANNOS NS Fee (Te) 202 202 207 207

W H CUMMINGS MS For (Tel 202-388-3076)
J D SULLIVAN PhD Wood Sci (Tel 202-388-4024)

# Economics, Marketing, Rural and Community Development Program

P J JEHLIK PhD Acta Dir and Rural Sociol (Tel 202-388-6033)

L C HALVORSON PhD Price and Income Policy (Tel 202-388-2584)

A T M LEE PhD Resource Econ (Tel 202-388-5571)
R R ROBINSON MS Prod Econ (Tel 202-388-6050)
R J SAVILLE PhD Mkta Crops (Tel 202-388-4347)
G R SMITH PhD Farm Mat and For Econ

(Tel 202-388-3085) L M SMITH Jr PhD Foreign Trade (Tel 202-388-4329) 1B S WHITE Jr PhD

Human Nutrition and Consumer Use Program

 2MARY B MINDEN PhD
 Dir (Tel 202-388-7854)

 ETHEL C E McNEIL PhD
 Microbiol
 (Tel 202-388-4571)

 GLADYS W ROYAL PhD
 Biochem
 (Tel 202-388-2601)

8

10

### 2 Plant Science Program

C L LEFEBVRE PhD Dir (Tel 202-388-4787)

J M BARNES PhD Plant Path (Tel 202-388-2597)

J F FULKERSON PhD Plant Path (Tel 202-388-7322)

C I HARRIS PhD Hort (Tel 202-388-3768)

R M HEERMANN PhD Agron Field Crops

(Tel 202-388-6034)

H J HODGSON PhD Agron Forage and Range (Tel 202-388-6096)

A J LOUSTALOT PhD Plant Physiol (Tel 202-388-3038)
E R McGOVRAN PhD Ent (Tel 202-388-4348)
O R NEAL PhD Soil Sci (Tel 202-388-5077)
A S NEWMAN PhD Soil Sci (Tel 202-388-3758)
R C RILEY PhD Ent (Tel 202-388-3598)
3P E SCHLEUSENER PhD Engin (Tel 202-388-3453

### Utilization Program

R G GARNER PhD Dir (Tel 202-388-7223) M M RAYMAN PhD Biochem (Tel 202-388-2269)

1 In Kenya for AID.

2 At Michigan State University (PL 85-507)

3 At Cornell University (PL 84-918)

### NOTE

To locate an individual: 1. In index, find name, code numerals, and State where employed. 2. Find State listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

# PROFESSIONAL WORKERS IN STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER COOPERATING STATE INSTITUTIONS

### ALABAMA

Schools of Agriculture, Home Economics, and Veterinary Medicine, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of Auburn University, Auburn (36830)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDC 7C∞p USDI

123H M PHILPOTT PhD Pres of Univ (205-826-4650)
1M C HUNTLEY LLD Deam of Faculties (205-826-4780)

1W S BAILEY DVM ScD Vice Pres for Academic Affairs (205-826-4650)

12B T LANHAM Jr PhD Vice Pres for Res (205-826-4784) 3E V SMITH PhD Dean of Sch of Agr and Dir of Agr

Expt Sta (205-826-4840) 12C F SIMMONS PhD Assoc Dean of Sch of Agrand Asst

Dir of Agr Expt Sta (205-826-4840) 12R D ROUSE PhD Assoc Dir of Agr Expt Sta and

Asst Dean of Sch of Agr (205-826-4840) 2T E CORLEY MS Asst Dir for Outlying Units (205-826-4840)

12FRANCES E TIPPINS Fin Asst (205-826-4840) 3R R JONES MS Assoc Dir of Coop Ext Serv (205-826-

49571 3Mrs MARY E COLEMAN MA Asst Dir for Women's

Work Coop Ext Serv (205-826-4926) 3W H TAYLOR EdD Asst Dir Coop Ext Serv (205-826-

4932) 3H M WARREN EdD Asst Dir Coop Ext Serv (205-826-4932)

123W T INGRAM Treas and Bus Mgr (205-826-4600)

### Agronomy and Soils

12L E ENSMINGER PhD Head of Dept

12FRED ADAMS PhD Prof Soil Chem 30 N ANDREWS MS Agron

2F E BERTRAM BS Field Supt (PO Prattville)

3M D BOND MS Peanut and Soybean Spec

1G A BUCHANON PhD Asst Prof Weed Control 2E R BURNS BS Instr Weed Control

2E L CARDEN BS Instr Soil 3L J CHAPMAN PhD Cotton Spec

12J T COPE Jr PhD Prof of Soils

2RAY DICKENS PhD Asst Prof Turf Mgt 12E D DONNELLY PhD Prof Plant Brdg

2D DONSELL FILD FROM Flant Brag
SB D DOSS BS Res Soil Sci (PO Thorsby)
2J T EASON BS Instr Soils
2C E EVANS MS Asst Prof Soil Fert
2E M EVANS MS Assoc Prof Crop Prod
2F T GLAZE BS Field Supt (PO Alexandria)

3T B HAGLER PhD Chmn Plant Sci Div 1B F HAJEK PhD Asst Prof of Soil Mineral

3DALLAS HARTZOG MS Prog Coord Peanuts (PO Geneva)

34J B HENDERSON BS Cotton Spec

12A E HILTBOLD PhD Prof Soil Microbiol
1J T HOOD PhD Prof Soils
12C S HOVELAND PhD Prof Crops

5MORRIS HUCK PhD Res Soil Sci 12W C JOHNSON Jr PhD Assoc Prof Plant Brdg

25A J KAPPELMAN Jr PhD Res Path 12C C KING Jr MS Asst Prof Crops

2J W LANGFORD BS Supt Plant Brdg Unit (PO Tallassee)

3J G LINK MS Agron (PO Box 921 Athens) 5Z F LUND MS Res Soil Sci

2R F McCORMICK Jr BS Instr Weed Control 2J D MILLER MS Instr Turf Mat 25A C MIXON PhD Res Agron

2J L MORGAN BS Instr Turf Mgt

### Agronomy and Soils-Continued

oP A MOTT MS Agr Meteorologist 2J P PARKS BS Instr Crops

25R W PEARSON PhD Res Soil Sci

2L F RATCLIFF BS Instr Soils

2J W RICHARDSON BS Field Supt (PO Brewton)

12H T ROGERS PhD Prof Soil Fert

12C E SCARSBROOK PhD Prof Soil Chem

2G T SHARMAN Jr BS Asst Prof Found Seeds (PO Thorsby)

25RAYMOND SHEPHERD PhD Res Agron

2G W SIMMONS BS Instr Soils 3W F SOWELL PhD Soils Spec

12D G STURKIE PhD Prof Emeritus Crops

25H M TAYLOR PhD Soil Phys

2D H TEEM BS Instr Crops

2D L THURLOW PhD Assoc Prof Soil Fert 25C V UNDERWOOD BS Agron Res Asst

12J I WEAR PhD Prof Soil Chem

### Animal Health Research

2J E GREEN DVM MS Head of Dept

2H D ALEXANDER PhD Assoc Prof Anim Nutr 2S D BECKETT DVM PhD Assoc Prof Physiol

2A L BRITT DVM PhD Assoc Prof Path and Parasital
2C H CLARK DVM PhD Prof Physiol and Pharmacol

4D R FARNELL DVM MS Assoc Prof Anim Path and

Physiol 2N B KING DVM PhD Asst Dean Sch Vet Med, Coord

Anim Health Res 2C S McCAIN DVM MS Asst Prof Microbiol

### Animal Science

30

12W M WARREN PhD Head of Dept

12W B ANTHONY PhD Prof Ruminant Nutr

2J C COLLINS MS Instr Anim Sci

2J P CUNNINGHAM BS Instr Anim Sci

3J R DANION MS Anim Husb 12H H DARON PhD Asst Prof Biochem

3R E DEESE PhD Anim Husb

3J W GOSSETT PhD Chmn Anim Sci Div

12R R HARRIS PhD Assoc Prof Ruminant Nutr 3D B HERD PhD Anim Husb

3T W HIGH Jr PhD Anim Husb

12D L HUFFMAN PhD Assoc Prof Meats

2G B MEADOWS MS Asst Prof Anim Sci

12P F PARKS PhD Assoc Prof Biochein and Nutr

12T B PATTERSON Jr PhD Prof Beef Cattle and Genet

3J H PITTS MAgr Spec Livestock Prod (PO Athens)

2B G RUFFIN MS Instr Anim Nutr

12R C SMITH PhD Assoc Prof Biochem and Nutr 12C K SQUIERS PhD Assoc Prof Swine Brda

12D R STRENGTH PhD Prof Biochem and Nutr

12H F TUCKER PhD Assoc Prof Swine Nutr 12D M TURNEY MS Assoc Prof Anim Sci

3B L WHITTENBURG MS 4-H Livestock Spec

12E L WIGGINS PhD Assoc Prof Reprod

### Botany and Plant Pathology

12J A LYLES PhD Head of Dept 12E J CAIRNS PhD Prof Plant Nematol

12M C CARTER DF Assoc Prof Plant Phys

12E M CLARK PhD Assoc Prof Bot 12E A CURL PhD Prof Plant Path

12D E DAVIS PhD PedD Alumni Prof Bot

12N D DAVIS PhD Prof Bot

12T C DAVIS PhD Asst Prof Path
2U L DIENER PhD Prof Plant Path
3L J FARRAR PhD Plant Path and Nematol

1J D FREEMAN PhD Asst Bot 12H H FUNDERBURK Jr PhD Asst Dean Grad Sch and Prof Plant Physiol

1

60

40

50

Botany and Plant Pathology-Continued	Editorial 10	00
IW E GOSLIN PhD Asst Prof Bot	3V C BICE MAgr Radio and TV Ed	
12R T GUDAUSKAS PhD Assoc Prof Plant Path	123TRUDY CARGILE Ed New Bur	
2W D KELLEY MS Instr For Path	3W K CHENEY BAA Art Ed	
2A J LATHAM PhD Asst Prof Plant Path	3R R CHESNUTT BS Agr Ed and Dir Ext Inform	
IN T LEE BS Instr Bot	3K J COPELAND MAgr News Ed	
IN L MARSHALL PhD Prof Bot	2J D HARWOOD BS Assoc Agr Ed	
2N S NEGI PhD Asst Prof Plant Physiol	3CECIL MAYFIELD 4-H Ed	
12R M PATTERSON PhD Prof Biomet 5R V REBOIS AB NematoI	2E L McGRAW MS A or Ed	
2R RODRIGUEZ-KABANA PhD Asst Prof Plant Path	3J L PARROTT BS News Ed	
1W A SHANDS MS Asst Prof Bot	12K B ROY BJ Editor Emeritus	
2F J SUBIRATS MS Instr Plant Path	3J D SMITH BA News Ed	
a volument in the rate rate	2R E STEVENSON BS Assoc Agr Ed 3W L STRAIN MEd News Ed	
Chemistry (Regulatory) 70	123J H WHITE BS Dir Univ Relat	
1C S SAUNDERS PhD State Chem	3G E WILLIAMS BS Vis Ed	
1PRISCILLA DAVIDSON BS Agr Chem	3G E WIEDIAWO DO VIS Ed	
1M D GUTHERY MS Chief Chem	Education (Agr and Home Econ)	n
1M L HAYES BS Agr Chem	1R W MONTGOMERY PhD Head of Dept	٠
1MAY ROSE HAYES BS Aur Chem	1R A BAKER PhD Asst Prof Agr Educ	
1JOHN JINKS Asst Chem	1D N BOTTOMS MS Assoc Prof Agr Educ	
1DARBY JORDAN BS Agr Chem	1BP DILWORTH AA Cert Dist Supvr of Vocat Agr	
1Mrs REGINA A RHOADES BS Agr Chem	1V S EADDY Asst Prof Vocat Educ	
	1Mrs ISABEL S ENSMINGER MS Asst Prof Home	
Dairy Science 80	Econ Educ	
12K M AUTREY PhD Head of Dept	1T L FAULKNER MS State Supvr of Agr Educ (PO	
12R Y CANNON PhD Prof Dairy Technol	Montgomery)	
2G E HAWKINS PhD Prof Nutr	1H W GREEN MS Spec Vocat Agr	
3R S JONES Jr BS Dairyman	1A H HOLCOMB Jr MS Spec Vocat Agr	
2J A LITTLE MS Instr Dairy Sci	1P B HOLLEY MS Dist Supvr Vocat Aar	
12T A McCASKEY PhD Asst Prof Food Microbiol	1J C HOLLIS MS Dist Supvr Vocat Agr (PO	
3J R PARRISH MS Dairyman	Montgomery)	
12G H ROLLINS PhD Assoc Prof Dairy Sci	1H N LEWIS MS Spec Vocat Agr	
Economics (Agr) 90	1H T PRUETT MS Assoc Prof Agr Educ	
12J H YEAGER PhD Head of Dept	1C W REED Spec Vocat Agr (PO Montgomery)	
12S C BELL PhD Assoc Prof Farm Mat	1L L SELLERS MS Dist Supvr of Vocat Agr	
12J H BLACKSTONE MS Prof Farm Mat and Resource	1J W SELMAN PhD Asst Prof Vocat Educ	
E.con	1J E SMITH MS Dist Supvr Vocat Agr (PO Montgomery)	1
3A J BROWN MS Spec in Mktg	1GEORGE WHITE Dist Supvr Vocat Aar	
3J A BUFORD MS For Prod Mktg and Util Spec	1B J YORK MS Dist Supvr Vocat Agr	
3A R CAVENDER PhD Chmn Res Use Div		
3R R CLARK MS Spec Recreation Devipmt	Engineering (Agr) 12	0
12H A CLONTS PhD Asst Prof Resource	12F A KUMMER MS Head of Dept	
3E G CLOSE PhD Spec Hort Mktg	25T W CHAPPELL MS Agr Engin For Engin	
12M J DANNER MS Prof Livestock Mktg	25A W COOPER PhD Dir of Natl Tillage Mach Lab	
12L S DRISCOLL MS Instr Resource Econ	25A C BAILEY PhD Agr Engin	
12J E DUNKELBERGER PhD Assoc Prof Rum! Social	2V D BROWNING BS Instr Soil and Water Conserv	
3J T GAILLARD BS Spec Rural Civ Def	12W T DUMAS MS Assoc Prof Power and Mach	
3J P GIVHAN BS Spec Rural Resource DevIpmt (3038	2T H EAGAR BS Instr Form Structures	
Spring Hill Ave Mobile)	3LAWRENCE ENNIS BS Spec in Soil Engin	
3M R GLASSCOCK BS Spec in Fruits and Veg Mktg	25W R GILL PhD Soil Sci	
2Mrs RUTH HAMMETT MS Instr Consum Econ	12J G HENDRICK PhD Asst Prof Soil and Water	
3N R HUDDLESTON PhD Spec in Mktq	Conserv	
12J R HURST MS Instr Grain Mkta	12R E HERMANSON PhD Asst Prof Soil and Water	
3P O JOHNSON MAgEd Spec Rural Resource Devipmt	Conserv	
3V W LEE MS Spec Poultry Mktg	12J L KOON PhD Asst Prof	
3D A LINTON Jr MS Spec in Livestock Mktg	12W F LALOR PhD Asst Prof	
3C L MADDOX MS Spec in Form Mgt	25M L. NICHOLS PhD Collab	
2S C MASSINGILL MS Instr Poultry Mkta	3CHARLES OGBURN MS Spec Agr Engin	
2E W McCOY PhD Asst Prof Farm Mat and Resource	250 C PRATHER MS Elec Engin 25C A REAVES PhD Agr Engin	
Econ		
12B R MILLER PhD Asst Prof Aar Mktg and Resource Econ	12E S RENOLL MS Assoc Prof Power and Mach 25B Y RICHARDSON MS Asst Prof Left for For Engin	
3L W ROBERTS MS Spec Form Mgt (PO Box 921 Athens)	2C A ROLLO MS Assoc Prof Elec Power and Proc	
3C H SEGREST MS Spec Rural Resource Devignit (PO	25R L SCHAFER PhD Agr Engin	
Box 38 Tuscaloosa)	12D M SMITH BS Agr Engin Field Supt	
3TRAVIS SHIPP MS Spec Indus Mgt	2C M STOKES MS Assoc Prof Power and Mach	
3D B SMITH MS Spec Farm Mgt	25H T TAYLOR Jr BS Proj Ldr for For Engin	
3C U STOREY MAar Spec Rural Resource Devipmt (PO	5J H TAYLOR PhD Agr Engin	
Box 688 Ozark)	25 A C TROUSE Jr PhD Soil Sci	
3R N TERRELL PhO Spec Food Sci	3HAROLD WATSON MS Spec Agr Engin	
3M B TIDWELL MAGE Spec Rur Res Devlpmt (PO Box		
983 Selma)	Experiment Station Administration 12	5
12C L VANLANDINGHAM PhD Asst Prof Rur Soc	12E V SMITH PhD Dir of Sta and Dean of Sch of Aar	
12MORRIS WHITE PhD Prof Prices and Poultry Mktg	12R D ROUSE PhD Assoc Dir of Sta and Asst Dean of	
3W R WILLIAMS MS Spec Farm Mat (PO Box 921 Athens)	Sch of Agr	
12L E WILSON PhD Prof Dairy Mkta	12C F SIMMONS PhD Asst Dir of Sta and Assoc Dean	
3W E WILSON MAgr Spec Rur Res Devlpmt (PO Ashland)	of Sch of Agr	
3W F WOODS MS Spec Public Affairs and Res Mat	12T E CORLEY MS Asst Dir for Outlying Units	
	12FRANCES F TIPPINS Fin Aget	

Extension Administration	130	Home Economics, School of-Continued
3F R ROBERTSON DrPA Vice Pres for Ext and Dir		1Mrs LENA CANNON MS Asst Prof Foods and Nutr
Coop Ext Serv		12Mrs ANN H CAUDLE PhD Assoc Prof Fam Life and Early Childhood Educ
3Mrs MARY E COLEMAN MA Asst Dir for Women's		1Mrs MARIAN F CHASTAIN PhD Assoc Prof Foods and
Work 3WBHILL PhD Asst to Dir		Nutr
3R C HORN MS Asst Head Mgt Serv		1Mrs ALVA CURRENT-GARCIA MS Asst Prof Fam Life
3R R JONES MS Assoc Dir		12Mrs ELIZABETH Y DAVIS PhD Prof Foods and Nutr
3R M REAVES BS Asst to Dir Field Serv		1HELEN DOUTY PhD Assoc Prof Cloth and Text
3R L SHERRER MS Coord for Cont Educ and Ext		1JANE ELAM MS Instr Cloth and Text
Training		3BARBARA A FITE MS Spec Child Care and Fam Life
3W H TAYLOR EdD Asst Dir		1SHARON HILTON MS Asst Prof Fam Econ
3H M WARREN EdD Asst Dir		1Mrs MARJORIE HINTON MS Asst Prof Fam Life and
3J H WHITE BS Dir Univ Relat		Early Childhood Educ
3H E WILLIAMS AB Head Mgt Serv		12Mrs NORMA G HODSON PhD Prof Fam Life and
		Early Childhood Educ
Extension Supervision	133	1Mrs LUCY HOFFMAN MS Instr Home Mat and Fam
3J C BULLINGTON BS Dist Ext Chmn		Life 1Mrs MARY LAYFIELD EdD Assoc Prof Fam Life and
3A R CAVENDER PhD Chmn Res Use Div		
3R R CHESNUTT BS Ext Inform Chmn		Early Childhood Educ  1Mrs JANE LORENDO MA Asst Prof Cloth and Text
3S L DAVIS MS Dist Ext Chmn		12Mrs SUE B MORTON PhD Assoc Prof Cloth and Text
3J W GOSSETT PhD Anim Sci Div Chmn		3DOROTHY OVERBY BS Spec in Consum Educ
3T B HAGLER PhD Plant Sci Div Chmn 3MARY HULSEY MA Assoc Dist Ext Chmn		3ALICE PEAVY MA Spec Home Furn
3EUNICE IVEY MS Assoc Dist Ext Chmn		3FARISS PRICKETT MS Spec Foods and Nutr
3H L JONES DVM MS Chmn Environmental Health		3JEANNE PRIESTER MS Spec Educ Methods
3T W LUMPKIN BS Dist Ext Chmn		12Mrs EITHEL ROSE PhD Prof Fam Mat and Home Econ
3LUCILLE MALLETTE MS Assoc Dist Ext Chmn		1Mrs KATHRYN RUSH MS Dir Food Serv and Asst
3G D H McMILLAN BS Dist Ext Chmn		Prof Foods and Nutr
3Mrs PATTY PARKMAN BS Assoc Dist Ext Chmn		1Mrs CAROLYN SCHAFER MS Instr Foods and Nutr
		1MARIA SHEN MS Instr Foods and Nutr
4-H Club Work	137	3Mrs GENTA SSPEAKMAN MS Spec Housing and
3H E LOGUE MAgEd State 4-H Club Ldr		Equip
3T R AGNEW MEd 4-H Club Spec		1LILLY H SPENCER MS Assoc Prof Cloth and Text
3ANN BARR BS State 4-H Club Ldr for Girls		IROY SUMPTER PhD Asst Prof Fam Life
3BERTHA M JONES MEd 4-H Club Spec		1Mrs LAURA ANN TERRELL MS Asst Prof Home Mgt
3M C MAYFIELD MAg 4-H Club Ed		3R N TERRELL PhD Spec Food Sci
		3KATHLEEN THOMPSON MS Spec Cloth and
Forestry	140	Handicrafts 12Mrs MILDRED S VAN de MARK MS Prof Foods and
12W B DeVALL MS Head of Dept		Nutr
12H O BEALS PhD Asst Prof Wood Technol		1HELEN VAN ZANTE PhD Prof Home Mgt and Fam
12E J BIBLIS PhD Assoc Prof Wood Technol		Econ
2A C BLYTH PhD Asst Prof For Genet 12M C CARTER DF Assoc Prof Tree Technol		1Mrs VIRGINIA WHITE MS Assoc Prof Foods and Nutr
1H E CHRISTEN PhD Prof For Mat  12T C DAVIS Jr PhD Asst Prof For Path		
12L E DeBRUNNER DF Asst Prof Silvic		Horticulture 170
2G I GARIN PhD Prof Silvic and For Mgt		12D Y PERKINS PhD Head of Dept
2J F GOGGANS PhD Prof For Genet and Wood Ana	t	12H J AMLING PhD Prof Pomol
12E J HODGKINS PhD Prof Silvic		3JOHN BAGBY BS Spec in Com Hort
12A G HUNTER MS Instr For Genet		2H M BRYCE BS Field Supt
12E W JOHNSON PhD Prof For Mensuration and		2W A DOZIER MS Instr Fruits
Photogram		1H S FISHER BLA Assoc Prof Landsc Gard
12H S LARSEN PhD Asst Prof Silvic and Dendrol		2W H GREENLEAF PhD Prof Veg Brdg
2K W LIVINGSTON MF Asst Prof For Mgt		12HUBERT HARRIS MS Assoc Prof Food Tech
2ESLYLE Jr MF Asst Prof For Soils		12C L ISBELL PhD Prof Emeritus
12H G POSEY MS Assoc Prof Form For and For Pol		2W A JOHNSON MS Asst Prof Veg Crops
12S I SOMBERG DF Assoc Prof For Econ		12S T JONES PhD Prof Veg Crops 12W C MARTIN Jr BS Instr Ornam Hort
3L H WADE MS Ext For	-1	2L C MILLER MS Instr Ornam Hort
2S D WHIPPLE MF Assoc Prof For Mgt (PO Fayett	.e)	1J C MOORE MS Asst Prof Pomol
Home Economics Research (Coop with Sch of Home	150	12J D NORTON PhD Ass∞ Prof Veg Crops
Econ)	1.50	12H P ORR PhD Prof Ornam Hort
12Mrs NORMA H COMPTON PhD Head of Dept		3CARL PARKER BS Spec Hort Prod (PO Box 597
12Mrs ANN H BARTON PhD Assoc Prof Fam Life of	nd	Fort Payne)
Early Childhood Educ		12K C SANDERSON PhD Asst Prof Ornam Hort
12Mrs ELIZABETH Y DAVIS PhD Prof Foods and N	utr	3R L SHUMACK MS Spec in Ornam Hort
12HASSAN HAMID PhD Asst Prof Foods and Nutr		3P M SMITH MS Spec in Com Hort
12Mrs SUE B MORTON PhD Assoc Prof Clothing an	d	2K S RYMAL MS Asst Prof Food Technol
Textiles		3H B THORNHILL MS Spec in Ornam Hort
12Mrs EITHEL ROSE PhD Prof Fam Econ, Housing		2J L TURNER MS Instr Hort
and Equip		12L M WARE MS Prof Emeritus
12MARIA SHEN MS Inst Foods and Nutr		
12Mrs MILDRED S VAN de MARK Prof Foods and		
Nutr		Library 180
	140	12C H CANTRELL PhD Dir of Libr and Prof
Home Economics, School of	160	12Mrs CAROLINE C PERSONS BSLS Sci-Bibliographer
12Mrs NORMA H COMPTON PhD Head of Dept		and Instr 12SANDOR SZILASSY LLD Head of Sci and Tech Div. ar
1Mrs JUDITH M BOURNE MS Instr Home Econ 3ELIZABETH BRYAN MS Econ Home Mgt		Assoc Prof
STEELENDE ILI DILI VIA MO Econ Home mat		Tabbe To

3

Ornamental Harticulture Field Station 185 2R L SELF PhD Plant Path (PO Box 8276 Spring Hill Sta Mobile 36608)	Veterinary Medicine, School of-Continued 1E A SCOTT DVM Instr Sura and Med (Larae Anim) 12R P SHIELDS DVM MS Asst Prof Path and Parasitol
	14PATRICIA A TEER DVM MS Asst Prof Path and
Poultry Science   190	Parasitol 1J T VAUGHAN DVM MS Assoc Prof Surg and Med (Large Anim)
12G H COTTIER DVM MA Prof Path 12S A EDGAR PhD Prof Path	1D F WALKER DVM Prof Sura and Med (Large Anim)
12J G GOODMAN MS Assoc Prof Poultry Mktg	1A M WIGGINS DVM MS Prof Surg and Med (Large Anim) 1G R WILT MS Asst Prof Microbiol
12L W JOHNSON PhD Assoc Prof Immunogenet 3WILSON LEE MS Spec in Poultry Mktg	1J K WINKLER DVM Assoc Prof Surg and Med (Large Anim)
12G R McDANIEL PhD Assoc Prof Physiol 12E C MORA PhD Prof Microbiol	1D M WITHERSPOON DVM Assoc Prof Surg and Med (Large Anim) 1C H WOODLEY MS Prof Physiol and Pharmacol
Passarah Data Arrabasta	1J S WRIGHTMS Instr Physiol and Pharmacol
Research Data Analysis 200 2B F ALVORD MS Prof Emeritus	
2W H HEARN BS Syst Anal	Zoology-Entomology 220
2J A McGUIREMS Asst Prof Biomet	12F S ARANT PhD Head of Dept
2R M PATTERSON PhD Prof Biomet	12RAY ALLISON PhD Assoc Prof Parasitol
	3G T BALCH MAgr Spec Pesticide Educ 34C T BASKIN MAgr Spec Pesticide Educ
	12M H BASS PhD Assoc Prof Ent and Zool
Veterinary Medicine, School of 210	12R S BERGER PhD Assoc Prof Ins and Mammal Toxicol
1J E GREENE DVM MS Decom of Sch	1G H BLAKE Jr PhD Prof Entomol and Apic
1R A ALBERT DVM MS Asst Prof Surg and Med	2E C BOYD PhD Asst Prof Fisheries
(Small Anim)	12M K CAUSEY PhD Asst Prof Wildlife
1H D ALEXANDER PhD Assoc Prof Physiol and	12H B CUNNINGHAM PhD Assoc Prof Basic Ent and
Pharmacol	Syst
1J L ALLEY DVM Lecturer Microbiol 1Mrs MARIE H ATTLEBERGER DVM MS Assoc Prof	12J S DENDY PhD Prof Invert Zool and Limnol
Microbiol Microbiol	1C F DIXON PhD Asst Prof Parasitol
1J E BARTELS MS Asst Prof Sect On Radiol	1J L DOBIE PhD Asst Prof Vert Zool
1S D BECKETT PhD Assoc Prof Physiol and	1J L DUSI PhD Prof Mammalogy and Ornithol
Pharmacol	3JOHN ELLIOTT MAgr Spec Pesticide Educ
1J ABOTTA PhD Asst Prof Physiol and Pharmacol	12P M ESTES PhD Asst Prof Ent and Bionomics
1A L BRITT PhD Assoc Prof Path and Parasitol	12NIKOLA FIJAN ScD Asst Prof Fish Dis
1M J BURNS PhD Prof Physiol and Pharmacol	12F R GILLILAND PhD Asst Prof Ins Behavior Cotton
1C C CHRISTENBERRY DVM BS Lect Microbiol	lns
1C H CLARK PhD Head Prof Physiol and Pharmacol	12G N GREENE PhD Asst Prof Fisheries
1R M CODY PhD Assoc Prof Microbiol	1F E GUYTON MS Prof Emeritus Econ Ent and Apic
1R C COOPER DVM Instr Surg and Med (Large Anim) 1L R DAVIS PhD Res Lect Path and Parasitol	12K L HAYS PhD Prof Ecol and Med Entomol
1D L DIAMOND DVM Asst Prof Path and Parasitol	27E P HILL MS Asst Ldr Wildlife Res Unit 12L L HYCHE MS Assoc Prof For Entomol
1A S DORN DVM Instr Surg and Med (Small Anim)	12W D IVEY PhD Assoc Prof Embryol and Genet
1R M EVERETT DVM Instr Surg and Med (Small Anim)	3E F KENNAMER MS Spec in Wildlife
1D R FARNELL DVM MS Assoc Prof Physiol and	12C A KOUSKOLFKAS PhD Asst Prof Ins Biol and
Pharmacol	Control
1J C FRANDSEN PhD Res Lect Path and Parasitol	1Mrs FAYE B LAWRENCE MS Asst Prof Zool
1E D GAGE DVM Res Asst Surg and Med (Large Anim)	2J M LAWRENCE PhD Prof Fisheries (Aquatic Weeds)
IW J GIBBONS DVM MS Prof Surg and Med (Large Anim)	3R J LEDBETTER MS Ent
1A H GROTH Jr MS Head Prof Path and Parasitol	3R O LEEPER MS Spec Entomol
1Mrs JUDITH M GUENTHER MS Res Assoc Anat and Histol	1W H MASON EdD Asst Prof Zool Ecol
1B F HOERLEIN PhD Head Prof Surg and Med	1CLARANNE I McCUTCHEN MS Instr Zool and Physiol
(Small Anim)	3H P McQUEEN BS Surv Ent
1E J HOFF DVM MS Assoc Prof Path and Parasitol	2D D MOSS PhD Assoc Prof Fisheries 1R H MOUNT PhD Assoc Prof Herpetol and Vert Zool
1C L HOLLOWAY DVM MS Head Prof Anat and Histol	1KENNETH OTTIS PhD Prof Physiol and Endocrinol
1R D HORNE DVM MS Assoc Prof Surg and Med	1A M PEARSON PhD Prof Wildlife
(Small Anim)	12E E PRATHER MS Assoc Prof Fisheries
IR S HUDSON DVM Instr Surg and Med (Large Anim)	27J S RAMSEY PhD Ldr Coop Fish Res Unit and
1C W JAMES DVM MS Asst Prof Anat and Histol 1W E JENNINGS DVM Prof Microbiol	Ichthyol
1G W KIESEL DVM Prof Surg and Med (Large Anim)	2W A ROGERS PhD Asst Prof Fisheries
IN B KING PhD Asst Dean and Coord for Anim	12E W SHELL PhD Assoc Prof Fish Nutr
Health Res	2R O SMITHERMAN PhD Asst Prof Fisheries
1WORTH LANIER DVM Ext Vet	27D W SPEAKE PhD Ldr Coop Wildlife Res Unit
1C S McCAIN DVM MS Asst Prof Microbiol	Wildlife Ecol 12H S SWINGLE ScD Prof Fisheries
1W R MILLER PhD Assoc Prof Microbiol	1J E WATSON MS Asst Prof Genet
1J L MILTON DVM Instr Anat and Histol	1JANE A WILSON PhD Asst Prof Zool
1J E NEAL DVM MS Head Prof Microbiol	
1A C NEWMAN DVM BS Assoc Prof Surg and Med (Large Anim)	Substations 240
1W M PEDERSOLI PhD Asst Prof Physiol and	Black Belt (PO Marion Junction 36759)
Pharmacol PhD Asst Prof Physiol and	2L A SMITH BS Supt
1C T RAMY DVM Asst Prof Surg and Med (Small Anim)	2H W GRIMES Jr MS Asst Supt
1T M REYNOLDS DVM Instr Anat and Histol	Chilton Area Hort (PO Clanton 35045)
1CS ROBERTS DVM MS Prof Path and Parasitol	2C C CARLTON BS Supt
1B T ROBERTSON DVM MS Asst Prof Physiol and	2K C SHORT BS Asst Supt
Pharmacol	Gulf Coast (PC Fairhope 36532)
1F G'SCHELL DVM Head Prof Surg and Med (Large	2H F YATES BS Supt
Anim)	2J E BARRETT Jr BS Asst Supt

Substations-Continued

Lower Coastal Plain (PO Camden 36726) 2LAVERN BROWN BS Supt 2W E FOWLER BS Asst Supt 2W J WATSON BS Asst Supt

North Ala Hort (PO Cullman 35055)

2M H HOLLINGSWORTH BS Supt Piedmont (PO Camp Hill 36850)

2E L MAYTON MS Supt 2ELLIS BURGESS BS Asst Supt

Sand Mountain (PO Crossville 35692)

2S E GISSENDANNER BS Supt 2H C LESTER BS Asst Supt

Tennessee Valley (PO Belle Ming 35615)

2J K BOSECK BS Supt

2W B WEBSTER BS Asst Supt Upper Coastal Plain (PO Winfield 35594)

2W W COTNEY BS Supt 2R A MOORE Jr BS Asst Supt

Wiregrass (PO Headland 36345)

2C A BROGDEN BS Supt 2H W IVEY BS Asst Supt

2J G STAFLING BS Asst Supt

Alabama Agricultural and Mechanical College, Normal 35762

1College Staff

R D MORRISON PhD Pres

HENRY PONDER PhD Dean of Col L W BONNER EdD Dir of Grad Studies WINFRED THOMAS PhD Chmn of Div of Agr (205-859-0800)

1Mrs EVA W ADAMS MS Asst Prof Home Econ 1L W BONNER EdD Prof Aar Educ Teacher Trainer 1W E BOOKER MS Asst Prof Anim Husb 1R R BRADFORD PhD Assoc Prof Soil Technol 1V M CHAMBERS PhD Prof Biol Chmn Div Arts and Sci 1KICHOON CHANG MS Asst Prof Chem 1LIBBY W CHOW PhD Assoc Prof Chem 1B H CONLEY MSLS Libr 1L L CHUMP MS Asst Prof Agr Engin 1MOZELLE J DAVIS MS Asst Prof Home Econ 1R A EVANS MA Asst Prof Chem 1S W HEREFORD III MD Prof Biol 1Mrs ABIGAIL K HOBSON PhD Prof Chmn Div Home Econ

1Mrs ALICE C JENKINS PhD Assoc Prof Biol 1W M JOHNSON MS Asst Prof Poultry 1Mrs ALPHA H JONES MS Asst Prof Home Econ 1 H W JOYNER MS Assoc Prof Hort 1Mrs MINNIE W KYLE MS Asst Prof Home Econ 1Mrs CHARLOTTE O LEE PhD Prof Biochem 1R H LEE PhD Prof Chem 1B S MANGAT PhD Assoc Prof Biol 1T V MORRIS MA Assoc Prof Hort 1Mrs ELIZA PATTON MA Asst Prof Home Econ 1RAJINDER SAINI PhD Assoc Prof Biol IWINFRED THOMAS PhD Prof Agron 1B T WHITE PhD Prof Chem

### ALASKA

Departments of Agriculture and of Home Economics and the Cooperative Extension Service of the University of Alaska, and the Alaska Agricultural Experiment Station, College 99701

1College Staff 2Station Staff 3Extension Staff 5Coon HSDA

IW R WOOD PhD Pres (907-479-7311) 1K M RAE PhD Vice Pres Res (907-479-7,314) 211 F DRURY PhD Dir of Sta (PO College) (907-479-7542)

III A BYRD BBA Comptrol.er

1A II GEORGE BS Asst Comptroller Res (907-479-7302)

Extension Administration (Statewide Serv) (PO Col) (907-479-7571)

13A S BUSWELL PhD Dir Ext

3A R CARLSON MS Assoc Prof Farm and Home Structures
3J W MATTHEWS MS Asst Dir
3H D SANDBERG MS Asst Prof State 4-H and Youth

Proa Ldr

3K R STAMM MS Asst Prof Educ

3AGNES SUNNELL MS State Home Econ Ldr

### Home Economics (Behavioral Sci and Educ) (PO Col)

290

270

1Mrs SALLY WELLMAN MA Asst Prof Tex and Cloth 1Mrs MARGARET SANDBERG MA Supvr Nursery Sch 1Mrs JEWEL B SMITH MA Asst Prof Tex and Cloth 1ANN L WALSH MS Assoc Prof and Dept Head

Alaska Aar Expt Sta (PO Palmer)

Station Administration (907-745-3110) 2Mrs BONNIE BETTINE Exec Off

2L E CAVASOS MS Mgr Col Farm 2SH RESTAD MS | Fixed Off

Research Staff

250

300

2L D ALLEN BS Asst Prof Farm Structures

2C I BRANTON BS Agr Engin

2A L BRUNDAGE PhD Assoc Prof Anim Nutr

2W E BURTON MS Asst Prof Farm Mat

2C H DEARBORN PhD Assoc Prof Veg Crops

2L F KLEBESADEL PhD Asst Prof Forage Mgt

2W M LAUGHLIN PhD Prof Soil Fert

2J R LEFKLEY BS Fur Prod (PO Petersbura) 2C E LOGSDON PhD Prof Plant Path

2C F MARSH MS Assoc Prof Farm Mat 2P F MARTIN MA Asst Prof Soil Mat

2W W MITCHELL PhD Assoc Prof Plant Taxon Ecol

2A D SAUNDERS MS Asst Prof Agr Econ

2R L TAYLOR MS Assoc Prof Cereals

2R H WASHBURN PhD Assoc Prof Ent

# Forestry (PO College)

305

IM R C MASSIE PhD Asst Prof For Econ IKEITH VAN CLEVE PhD Asst Prof

Land Resources and Agriculture 1DUANE SYKES Assoc Prof and Dept Head

### ARIZONA

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of the University of Arizona, Tucson 85721

4Leave of Absence 5Coop USDA 3Extension Staff

310

123R A HARVILL PhD Pres of Univ (602-884-2211) 12311 E MYERS PhD Dean of Col of Agr (602-884-2711) 12R K FREVERT PhD Dir of Sta (602-884-2711) 12Mrs RUTH C HALL PhD Dir of Sch of Home Econ (602-884-2310)

13G E HULL PhD Dir of Agr Ext Serv (602-884-2711)

12D F McALISTER PhD Asst Dir of Sta (602-884-2711)
12D S METCALFE PhD Dir of Res Instr and Asst Dir of Sta (602-884-2711)

1K R MURPHY BS Vice Pres for Bus Affairs and Treas (602-884-1551)

1D L PATRICK PhD Coord of Res for Univ (602-884-3511)

260

12M A MASSENGALE PhD Prof Agron and Head of Dept 5G H ABEL MS Collap Crop Mat Safflower (PO Mesa)

Agronomy - Continued	Biochemistry (Agr)—Continued
5H F ARLE MS Collab Weed Control (PO Phoenix)	12A J DEUTSCHMAN Jr PhD Prof Organic Chem and
12R E BRIGGS PhD Assoc Prof Crop Mgt Cotton	Carbohydrates and Fats
2F M CARASSO MS Asst in Res Field Crops (PO Yuma)	2MARGARET L DOORLY Asst in Res Tissue Cult
12A D DAY PhD Prof Small Grain Brdg	2D W FAULKNER BS Asst in Res Organic Chem
3R E DENNIS PhD Ext Field Crops	2K C GOODNIGHT MS Res Assoc Anim Nutr
2A K DOBRENZ PhD Assoc Agron Crop Physiol	2VENKATARAMAN HARIHARASUBRAMANIAN PhD
5W L EHRLER PhD Collab Plant Physiol (PO Phoenix)	Res Assoc Plant Virol
24N W GILBERT MS Agron Crop Mgt	12H W KIRCHER PhD Prof Organic Chem and
12K C HAMILTON PhD Prof Weed Control 3E S HEATHMAN BS Ext Weeds	Carbohydrates and Fats
2K E HENDERSON MS Asst in Res Pasture and	2MALAYAPPIER KRISHNAN PhD Res Assoc Organic
Forage Crops Physiol	Chem and Carbohydrates and Fats 12W F McCAUGHEY PhD Prof Intermediate Metabolism
2E B JACKSON PhD Assoc Agron Crop Mgt (PO Yuma)	2MICHELLE D MORAN MS Res Assoc Organic Chem
5VARON JENSEN PhD Collab Safflower Physiol	and Carbohydrates and Fats
2N A JOHNSON BS Asst in Res Barley Genet	2H V RATAJCZAK BS Asst in Res Tissue Cult
5D L KITTOCK PhD Collab Crop Mat Cotton (PO	2R K SHARMA PhD Res Assoc Anim Nutr
Phoenix)	12ALBERT SIEGEL PhD Prof Plant Genet
12W R KNEEBONE PhD Prof Grass Brdq	12Mrs ALICE B STANFIELD MS Assoc Prof Tissue Cul
5G M LOPER PhD Collab Forage Crop Physiol	2C A L STEPHENS Jr MD Visiting Res Prof Tissue Cu
5J T MAUNEY PhD Collab Cotton Physiol	12M G VAVICH PhD Prof Anim Nutr
(PO Phoenix)	12MILTON ZAITLIN PhD Prof Plant Virol
12D F McALISTER PhD Prof Crop Physiol 2R G McDANIEL PhD Asst Agron Barley Physiol	
12D S METCALFE PhD Prof Forage Crops	Biological Sciences (Bot) 360
2L L PATTERSON MS Res Assoc Crop Mgt Cotton	12N A YOUNGGREN PhD Prof Biol and Head of Dept
(PO Phoenix)	12P G BARTELS PhD Assoc Prof Plant Physiol
5L L H PINKUS PhD Collab Cotton Physiol (PO	5J L GARDNER PhD Collab Ecol 12R M HARRIS PhD Prof Genet
Phoenix)	2Mrs LEONA M HUBBARD Asst in Plant Taxon
15R T RAMAGE PhD Prof Genet and Cytol Barley	5D R KINCAID MS Collab Ecol
12D D RUBIS PhD Prof Oilseed Crop Brdg	12C T MASON Jr PhD Prof Plant Taxon
5R M SANDSTEDT PhD Collab Cotton Physiol	12KAORU MATSUDA PhD Assoc Prof Plant Physiol
(PO Phoenix)	12W S PHILLIPS PhD Prof Plant Anat
12M H SCHONHORST PhD Prof Alfalfa Brdg	
2R D SPILSBURY MS Asst in Res Sugarbeet Prod	Chemistry (Agr) and Soils 370
2R K THOMPSON MS Res Assoc Field Crops (PO	12W H FULLER PhD Prof Agr Chem and Head of Dept
Mesa)	2J L ABBOTT MS Asst Agr Chem Soil Fert (PO
2P A TILT BS Asst in Res Field Crops (PO Yuma)	Phoenix)
2V D TROUT BS Asst in Res Alfalfa Genet and Physiol	2W D ACKLEY BS Asst in Res Soil Fert (PO Yuma)
2Mrs DORIS K WATERWORTH Asst in Agron Fiber Testing	12H L BOHN PhD Assoc Prof Soil Chem
15L N WRIGHT PhD Prof Grass Brdg	2L L BROOME Asst in Agr Chem Soil Chem
15L H ZIMMERMAN PhD Prof Oilseed Crop Brdg	1T F BUEHRER Prof Emeritus
Safflower	2E W CARPENTER MS Asst in Res Soil Fert 5L R COOPER Collab Soil Fert
Sumo.	2G E DRAPER BS Asst Agr Chem Soil Chem
Animal Pathology 330	12G R DUTT PhD Prof Soil Chem and Water Conserv
12R E REED DVM Prof Anim Path and Head of Dept	12D D EVANS PhD Prof Soil Phys and Chmn of Comm
12L W DEWHIRST PhD Prof Parasitol	on Hydrol and Water Resources
2H G ERLING BS Res Assoc Bact (PO Mesa)	2B R GARDNER PhD Assoc Agr Chem Soil Fert
2R D HENDERSHOTT PhD Asst Anim Path Clin	(PO Yuma)
Biochem	5Y H HAVENS BS Collab Soil Classif and Mapping
1W J PISTOR DVM Prof Bact	12D M HENDRICKS PhD Asst Prof Soil Genesis
2N W ROKEY DVM Anim Path Diagnostic and Expt Path	5R D JACKSON PhD Collab Soil Phys (PO Phoenix)
(PO Mesa)	2T W McCREARY BS Asst in Res Soil Chem
12J J SHELDON DVM Prof Anim Path Histopath	5F S NAKAYAMA PhD Collab Soil Chem (PO
2W F SNOW BS Asst in Res Med Tech	Phoenix)
2R J TRAUTMAN MS Asst Anim Path Bact	12D F POST PhD Asst Prof Soil Mineral 3R S RAUSCHKOLB PhD Ext Soil Mgt and Fert
12R E WATTS DVM Prof Clin Med	
Animal Science 340	5H A SCHREIBER PhD Collab Soil Mech 2H V SMITH MS Soil Sci Soil Mgt
	12J L STROEHLEIN PhD Assoc Prof Soil Fert
12B R TAYLOR PhD Prof Anim Sci and Head of Dept 2F D DRYDEN MS Res Assoc Meats	12T C TUCKER PhD Prof Soil Fert
2H I ESSIG Asst in Anim Sci Beef Cattle	12A W WARRICK PhD Asst Prof Soil Mech
12W H HALE PhD Prof Anim Nutr	
2J O KUHN BA Res Assoc Beef Cattle (PO Yuma)	State Chemist's Office (PO Mesa) 380
3A M LANE BS Ext Livestock Spec	2FLOYD ROBERTS BS State Chem Fert and Pesticides
12J A MARCHELLO PhD Assoc Prof Meats	
12D E RAY PhD Prof Anim Genet and Physiol	
12C B ROUBICEK PhD Prof Anim Genet	Dairy Science 390
12M R SELKE PhD Assoc Prof Anim Nutr	12G H STOTT PhD Prof Dairy Sci and Head of Dept
1E B STANLEY MS Prof Emeritus	12W H BROWN PhD Assoc Prof Anim Nutr
12C B THEURER PhD Assoc Prof Anim Nutr	12F E NELSON PhD Prof Food Proc
Biochemistry (Agr) 350	12J D SCHUH PhD Assoc Prof Dairy Cattle Mgt
	12J W STULL PhD Prof Dairy Technol
12A R KEMMERER PhD Prof Agr Biochem and Head of Dept	2R R TAYLOR MS Res Assoc Dairy Proc 3W R VAN SANT BS Ext Dairy Prod
2E R ALTENBURGER PhD Res Assoc Organic Chem	12T N WEGNER PhD Asst Prof Dairy Sci
2C T ASHBY PhD Asst Agr Biochem Organic Chem	2F M WHITING MS Asst in Res Pesticides
2J W BERRY PhD Agr Biochem Organic Chem	
2MILAN BIER PhD Visiting Res Prof Enzyme Chem	Economics (Agr) 400

Economics (Agr) 44
12J S HILLMAN PhD Prof Agr Econ and Head of Dept

	ARIZO	NA TOO	400
Economics (Agr) - Continued		Entomology	440
12R C ANGUS PhD Prof Mktg		12G V. WARF. PhD Prof Ent and Head of Dept	
3D A BRUECK BS Ext Farm Mgt		5J W BALOCK BS Collab Vea Ins (PO Mesa)	
3C C CABLE Jr PhD Ext Mktg		5R J BARKER PhD Collab Apic	
3G W CAMPBELL Jr PhD Ext Public Affairs		5R W BRUBAKER VS Collab Vea Ins (PO Mesa)	
3C D EDMOND PhD Ext Farm Mgt		5D E BRYAN Ph⊃ Collab Cotton Ins	
12R S FIRCH PhD Assoc Prof Mktg		5G DBUTLER PhD Collab Cotton Ins	
12R W FOX PhD Asst Prof Mktg		2W P CAHILL MS Res Assoc Pesticides	
125R L GUM BS Asst Prof and Collab Farm Mat		12L A CARRUTH PhD Prof Econ Ent	
12M M KELSO PhD Prof Land Econ		5HAROLD DON BS Collab Forage Ins	
12W E MARTIN PhD Prof Farm Mat  12E L MENZIE PhD Prof Mktq and Policy		20 G FULLERTON MS   Pes Assoc Cotton Ins	
125A G NELSON PhD Prof and Collab Farm Mat		(PO Phoenix)	
5W W PAWSON MS Collab Farm Mgt		125R EFYE PhD Assoc Prof and Collab Cotton Ins	
2J F RIGGS III BS Agr Statis		2P D GURHARDT PhD Ent Veq Field Crop Ins	
12FLOYD ROLF MS Prof Statis		(PO Mesa)	
3R W SAMMONS PhD Ext Farm Mgt		5M H HAYDAK PhD Collab Apic	
2A H SMITH MS Res Assoc Resource Econ		5C G JACKSON MS Collab Cotton Ins 2P H JOHNSON MS Asst in Res Nonchem Ins	
124T M STUBBLEFIELD PhD Prof Mktg		Control	
12J R WILDERMUTH BS Asst Prof Farm Mgt		5J C KELLER MS Collab Cotton Ins (PO Phoenix)	
5C A WILMOT PhD Collab Cotton Mktg		2J A LAUBSCHER BS Res Assoc Pesticides	
124R A YOUNG PhD Assoc Prof Resource Econ		125M D LEVIN PhD Prof and Collab Apic	
et	410	3J E MAY BS Ext Survey Ent (PO Phoenix)	
Editorial	410	3LEON MOORE MS Ext	
23G J GRAHAM MS Chief Ed Agr Inform		2D P MORGAN MD PhD Epidem Pesticides	
23G W ALSTAD MS Ed Agr Inform 2JOHN BURNHAM BA Expt Sta Ed		5N J NERNEY Collab Forage Ins	
3J H McCLELLAND BJ Ext Inform Spec		(PO Mesa)	
3B C NAPER BA Ext Inform Spec		25M W NIELSON PhD Assoc Ent and Collab Forage	Ins
OD O WIL HIT DIE MINIMOPEO		2MARTHAL NOLLER BS Asst in Ent Taxon	
Education (Agr)	420	12W L NUTTING PhD Prof Insect Physiol	
12F G McCORMICK PhD Prof and Head of Dept		2E H PASCHAL Asst in Ent Pesticides	
12J B HAMILTON PhD Asst Prof		5RAYMOND PATANA BS Collab Cotton Ins	
3G E HULL PhD Prof		5H K POOLE PhD Collab Zool Apic	
1C O JACOBS EdD Asst Prof		12C C ROAN PhD Prof Pesticides	
3K S OLSON PhD Prof		3J N RONEY PhD Ext (PO Proenix)	
		5L W SHCETTS Collan Cotton Ins (PO Phoenix)	
		2J E SLOSSER MS Res Assoc Cotton Ins	
Engineering (Agr)	430	5H G SPANGLER PhD Collab Apic 5L N STANDIFER PhD Collab Apic	
12K K BARNES PhD Prof Agr Engin and Head of De		5ADAIR STONER MS Collab Cotton Ins	
5HERMAN BOUWER PhD Collab Soil and Water (PC	U	5STEPHEN TABER III BS Collab Apic	
Phoenix)	)	5D L TURLEY BS Collab Forage Ins (PO Mesa)	
5K J BRUST BS Collab Soil and Water (PO Phoenix	x)	2D M TUTTLE PhD Ent Acarol Citrus Pests (PO	
124M D CANNON MS Assoc Prof Power and Mach 5D L CHERY MS Collab Soil and Water		Yuma)	
2G D CHRISTENBURY MS Asst Agr Engin Power of	md	5G D WALLER MS Collab Apic	
Mach (PO Phoenix)	and	5A L WARDECKER BS Collab Cotton Ins	
5THAYER CLEAVER BS Collab Farm Structures		12T F WATSON PhD Assoc Prof Cotton Ins	
2WAYNE CLYMA MS Res Assoc Syst		2G P WENE PhD Assoc Ent Urban Ins	
5L J ERIE MS Collab Soil and Water (PO Phoenix)		12F G WERNER PhD Prof Taxon	
12D D FANGMETER PhD Assoc Prof Soil and Water	г		
5J H FORD BS Collab Elec Power and Proc		Extension Administration	450
5G W FRASIER BS Collab Soil and Water (PO		3G E HULL PhD Dir	
Phoenix)		3L R AMBURGEY PhD Aar Aat at Large	
12R K FREVERT PhD Prof		3H R BAKER MS Asst Dir	
12K R FROST MS Prof Power and Mach		3K S OLSON PhD State Proa Ldr	
2WS GOLDTHWAITE BS Asst in Agr Engin Power		3JEAN M STEWART MA State Ldr of Home Econ	
and Mach (PO Phoenix)		3RAY WEICK MS Dist Supvr	
2R O HAGEMAN Asst in Agr Engin Power and Mach		3G P WRIGHT MA State Ldr of 4-H Club Work	
(PO Mesa)			
3A D HALDERMAN Engin Ext Soil and Water	dach	Home Economics, School of	460
2B L HARRIOTT MS Assoc Agr Engin Power and M (PO Mesa)	videli	12Mrs RUTH C HALL PhD Prof Home Econ and Dir	of Sch
3W W HINZ BS Ext Power and Mach		12B L REID PhD Prof and Chmn Div Food and Nutr	
2W L KERN Asst in Agr Engin Power and Mach		1RUTH A ALLEN MS Prof Cloth and Text	
12W G MATLOCK PhD Assoc Prof Soil and Water		12NANCY A BAGOTT MS Asst Prof Home Econ Edu	
2R P MEYERS MS Res Assoc Syst		1ELIZABETH M BIRONG MS Assoc Prof Cloth and	lext
5L E MYERS MS Collab Soil and Water (P O Phoeni	x)	12V A CHRISTOPHERSON EdD Prof Fam Relat	
5H B OSBORN CE Collab Soil and Water		1Mrs JEAN R DEES MS Instr Child Devlpmt 3JUNE C GIBBS MA Ext Nutr	
5C D OWENS MS Collab Elec Power and Proc		1Mrs JOYCE M HUGGINS EdD Asst Prof Child	
5K G RENARD MA Collab Soil and Water		Devlpmt and Fam Rel	
5J A REPLOGLE PhD Collab Soil and Water (PO		1Mrs MILDRED R JENSEN MA Prof Relat Arts	
Phoenix)		12FAYE C JONES MS Assoc Prof Housing	
5R C RICE BS Collab Soil and Water (PO Phoenix)		12Mrs MARY ANN KIGHT PhD Asst Prof Food and I	Nutr
2R J SHAW BS Asst Agr Engin Soil and Water		1BEATRICE KLINE MS Assoc Prof Food and Nutr	
2T P SPENCE Asst in Agr Engin Soil and Water		1Mrs NYLDA A LOPEZ PhD Asst Prof Child Devlg	omt
12H N STAPLETON MS Prof Syst 5D F WANJURA MS Collab Syst		and Fam Rel	_
3W T WELCHERT MS Ext Form Structures		1Mrs ALICE B LOWELL MS Prof Fam Econ and Ho	me
12FRANK WIERSMA PhD Prof Form Structures		Mat	
		12Mrs DORIS E MANNING PhD Prof Home Econ Edu	IC.

ARIZONA 460-540

Home Economics, School of-Continued	Poultry Science 500
3C W MARTIN MS Ext Fam Relat	12B L REID Phili Prof Poultry Sci and Head of Dept
1DIXIE L REED MS Instr Home Econ Educ	12C W CRAWFORD PhD Asst Prof Nutr
1BESSIE J RULEY PhD Assoc Prof Child Devlpmt 12E T SHEEHAN PhD Asst Prof Food and Nutr	12H B HINDS MS Assoc Prof Emeritus
3CORINNE I STINSON MS Ext Home Mgt	3F D ROLLINS PhD Ext
12Mrs DAWN H TUTTLE PhD Asst Prof Fam Econ and	12C W WEBER PLD Asst Prof Nutr
Home Mat	
1MARY ADELE WOOD MS Prof Food and Nutr	Statistics (Agr) 510
12MARY JEAN WYLIE MS Asst Prof Cloth and Text	2C D BONHAM PhD Asst Statis Design
1BARBARA J ZECHES MS Asst Prof Food and Nutr	2A B HUMPHREY PhD Asst Statis Design
470	12R O KUEHL PhD Assoc Prof Statis Design
Horticulture 470 12STEVE FAZIO MS Prof Hort and Head of Dept	
12W P BEMIS PhD Prof Veg Genet	
2P M BESSEY PhD Assoc Hort Veg Physiol (PO Mesa)	W - 1 1 4
12LELAND BURKHART PhD Prof Citrus Physiol	Watershed Management 520
5H E DENNIS BS Collab Plant Genet	12J H EHRENKEICH PhD Prof Watershed Mat and Head of Dept
2R E FOSTER II PhD Hort Veg Brdg (PO Mesa)	12C D BONHAM PhD Asst Prof of Quant Ecol
12G S GREENE BS Prof of Landsc Arch	5D R CABLE MS Collar Matershed Mat Econ
2D E HARRIS BS Res Assoc Citrus (PO Yuma) 2R H HILGEMAN PhD Hort Citrus Physiol (PO Tempe)	5R P CROUSE MS Collab Watershed Mgt Econ
124LeMOYNE HOGAN PhD Prof Landsc Physiol	1K J CZARNOWSKI MS Instr Watershed Mgt
12WARREN JONES BS Prof of Landsc Arch	12P F FFOLLIOTT MS Instr Watershed Mat
2W A KINNISON MS Res Assoc Citrus Physiol	3B N FREEMAN MS Ext Range Mat
(PO Tempe)	125H M HULL PhD Prof and Collab Plant Physiol
12J R KUYKENDALL PhD Prof Fruit Physiol	12G L JORDAN PhD Assoc Prof Range Mgt Range Reveg
3N F OEBKER PhD Ext Veg	12D A KING PhD Assoc Prof For Recreation 12J H KITCHEN MS Inst Watershed Mat
2W D PEW PhD Hort Veg Physiol (PO Mesa) 2D R RODNEY PhD Hort Citrus Physiol (PO Yuma)	12J O KLEMMEDSON PhD Prof Range Ecol
2G C SHARPLES MS Assoc Hort Biochem (PO Mesa)	12P N KNORR PhD Prof Econ and Mat
3H F TATE BS Ext Fruits and Landsc	12G S LEHMAN PhD Asst Prof Watershed Mgt
	125S C MARTIN PhD Prof and Collab Pange Mat
	5R MILLER: MS Collab Futersned Mat Eleon
Plant Breeding 480	12P R OGDEN PhD Assoc Prof Range Mat
12J E ENDRIZZI PhD Prof Plant Brda and Head of Dept 2W E BRYANDSc Plant Brdr Cotton	2R L RAWLES BS Asst in Res Range Mgt
2Mrs JEAN L DYKEMAN BA Asst in Plant Brdg Fiber	12E M SCHMUTZ PhD Assoc Prof Range Mgt
Testing	5R D SLAYBACK BS Mgr Plant Mater Center Range Mgt
5C V FEASTER PhD Collab Cotton Genet (PO	12J L THAMES PhD Assoc Prof Watershed Hydrol 12D B THORUD PhD Assoc Prof Watershed Mat
Phoenix)	12R F WAGLE PhD Assoc Prof Silvic
12W D FISHER PhD Prof Cotton Brdg (PO Phoenix)	5EP YOUNG BS Asst Mar Plant Mater Center Range
12F R H KATTERMAN PhD Assoc Prof Plant Brdg	Mat
2C D MANDERSCHEID BS Asst in Res Cotton Brdg (PO Phoenix)	12M J ZWOLINSKI PhD Asst Prof Watershed Mgt
12HIROSHI MURAMOTO PhD Assoc Prof Cotton Brdg	
12E H PRESSLEY DSc Prof Cotton and Fiber Testing	
12L S STITH PhD Prof Cotton Brdg	Miscella neous 530
2T E TAYLOR BS Asst in Res Cotton Genet	2D C AEPLI Farm Spec Field Crops (PO Mesa)
5E L TURCOTTE PhD Collab Cotton Genet (PO	1F R BARRECA BA Dir of Radio-TV Bur
Phoenix)	3SARAH I HARMAN MS Asst State Ldr of 4-H Club Work 3H E JONES MS Ext Spec in 4-H Club Work
12R L VOIGT PhD Assoc Prof Sorghum Brdg	1A R KASSANDER PhD Dir Water Resources Res
	Center Center
Plant Pathology 490	1MORGAN MONROE Dir of Univ News Bur
12E L NIGH Jr PhD Prof Plant Path and Head of Dept	2J M NELSON MS Farm Spec Field and Hort Crops
12S M ALCORN PhD Prof Ornam Dis	(PO Mesa)
12R M ALLEN PhD Prof Citrus Dis	12W J PISTOR DVM Adv to Internatl Pers and Prof
5L M BLANK PhD Collab (PO Phoenix)	Anim Path
12H E BLOSS PhD Asst Prof Dis Resistance	ISOL RESNICK MS Assoc Dir Water Resources Res
12Mrs ALICE M BOYLE PhD Prof Soil-borne Dis	Center
12R L CALDWELL PhD Asst Prof Dis Physiol 2K C ELLIS MS Asst in Res	
12R L GILBERTSON PhD Prof Mycol and For Dis	Branch Stations 540
3R B HINE PhD Ext Spec	Cotton Res Sta (PO Phoenix)
2A D JENKINS BS Asst in Res Nematol	2C W FITZGIBBON BS Supt
2D L JOHNSON MS Asst in Res Dis Diagnosis	Mesa Sta (PO Mesa)
2Mrs INEZ N KAMP PhD Res Assoc Nematol	2W D PEW PhD Supt
2H F KNUHTSEN MS Asst in Res Virus Dis	Safford Sta (PO Safford)
2J A MATEJKA Asst in Res Citrus Dis (PO Yuma) 12M A McCLURE PhD Assoc Prof Nematol	2FRED TURNER Jr PhD Supt
2H H McDONALD BS Asst in Res Citrus Dis (PO Yuma)	Salt River Valley Citrus Sta (PO Tempe)  2R H HILGEMAN PhD Supt
2R T McKITTRICK Asst in Res Veg Dis (PO Mesa)	Univ Sta (PO Tucson)
12M R NELSON PhD Prof Virus Dis	2E H HUSSMANN Supt
5H W REYNOLDS PhD Collab Nematol (PO Phoenix)	Yuma Valley and Yuma Mesa Sta (PO Yuma)
5E G RUPPEL PhD Collab Virus Dis (PO Mesa)	24FRANK PRITCHARD BS Supt
2R B STREETS PhD Prof Root Dis	2R A NELSON BS Actq Supt
2J_L TROUTMAN PhD Assoc Plant Path Citrus and Veg Dis (PO Yuma)	
12MILTON ZAITLIN PhD Prof Virol	

School of Forestry, Northern Arizona University. Flagstaff 86001

542

LL WALKUP EdD Pres of Univ (602-523-3232) 1C O MINOR DF Dean of Sch of For (602-523-3031)

546 Forestry

1C O MINOR DF Dean Sch of For

1T E AVERY PhD Prof For Mensuration 1D W BFRRY PhD Assoc Prof Ecol

1E A KURMES PhD Assoc Prof of Silvic

1L D LOVE PhD Lect in For Range

1T G OKEFFE MF Asst Prof Wood Technol
1A J SCHULTZ MF Asst Prof Recreation
1W P THOMPSON DF Assoc Prof Econ

IGLENN VOORHIES FE Assoc Prof Wood Technol

1D E WOMMACK PhD Assoc Prof For Genet

### ARKANSAS

Division of Agriculture (Agricultural Experiment Station, Agricultural Extension Service, and College of Agriculture and Home Economics) of the University of Arkansas, Fayetteville 72701

1College Staff 2Station Staff 3F.xtension Staff

550

123D W MULLINS PhD Pres

1231 & SHITE PhD Vice Pres for Agr (Tel Area Code 501-575-2251)

2E M CRALLEY PhD Dir of Agr Expt Sta (Tel Area Code 501-575-2253)

1G W HARDY PhD Dean of Col of Aar and Home Econ (Tel Area Code 501-575-2252)

3C A VINES BS Dir of Agr Ext Serv (PO Box 391 Little Rock 72203 Tel Area Code 501 Franklin 6-63011

123J W WOODY BS Treas

Agronomy

12D A HINKLE PhD Prof Soil Fert and Head of Dept 3DONALD ADAMS MS Ext Soils Spec (PO Box 391 Little Rock 72203)

23M F APPLEBERRY BSA Area Aaron Cotton (PO McGehee 71654) 12D A BROWN PhD Prof Soil Chem

12C E CAVINESS PhD Assoc Prof Soybean Brda 2E L CLEMENT BSA Res Asst Crops 2D H CREECY BSA Res Asst Plant Brda Cotton

23R F FORD MS Area Acron Cotton (PO Jonesboro 72401)

12R E FRANS PhD Prof Weed Control

2T M FULLERTON MS Res Asst Pasture and Turf 2M D GALLIMORE BSA Res Asst Cotton

2Mrs SHIRLEY GROOMS MS Res Asst Weed Control

2L H HILEMAN MS Asst Agron Soil Fert 2H J HUNEYCUTT BSA Res Asst Pasture and

Forage Crops 2D L JOHNSON MS Res Asst Field Crops

2J L KEOGH PhD Aaron Soil Fert (PO Marianna

72360) 2T F. LESLIF. BSA Res Asst Legume Brdg

2RICHARD MAPLES MS Asst Agron Soil Fert (PO Marianna 72360) 3W N MILEY PhD Ext Soils Spec (PO Box 391

Little Rock 72203)

2C L MURDOCH PhD Res Assoc Turf

3R P NESTER MS Ext Agron (PO Box 391 Little Rock 72203)

12M S OFFUTT PhD Prof Legume Brdg

12G A PLACE PhD Asst Prof Soil Chem

2W E SABBE PhD Asst Prof Soil Fert

Agronomy-Continued

12R L SMITH PhD Asst Prof Field Crops 12A E SPOONER PhD Prof Pasture and Forage Crops

12CHARLES STUTTF. PhD Asst Prof Field Crops

2R F. TALBERT PhD Assoc Prof Weed Control 12L F THOMPSON PhD Assoc Prof Soil Fert

2M R TUCKER MS Res Asst Soil Fert 12B A WADDLE PhD Prof Cotton Brdg

2W S WATSON Jr MS Res Asst Crop Mat 3H W WELLHAUSEN MS Ext Agron (PO Box 391

Little Rock 72203) 3W E WOODALL MS Ext Cotton Spec (PO Box 391 Little Rock 72203)

2J O YORK PhD Prof Grain Brda

Animal Sciences

12E L STEPHENSON PhD Prof Nutr and Head of Dept

12L D ANDREWS PhD Assoc Prof Poultry Brda 3T L BARTON PhD Ext Poultryman

2C A BAUGUS MS Res Asst Swine

12J N BEASLEY DVM PhD Prof Path

12C J BROWN PhD Prof Anim Brdg

12J F BROWN DVM PhD Asst Prof Parasitol

2L O BROWN MS Res Asst Anim Brdg 12J A COLLINS PhD Asst Prof Dairy Mfa

2G V DAVIS BSA Res Asst Dairy Nutr

2Mrs JANICE I FLOYD BA Res Asst Poultry Nutr

12T L GOODWIN PhD Assoc Prof Poultry Prod

12N R GYLES PhD Prof Poultry Brdq 12G C HARRIS PhD Assoc Prof Poultry Physiol

12M C HECK MS Asst Prof Meats
2R S HONEA MS Res Asst Anim Husb

3DAVID IBSEN DVM Ext Vet (PO Box 391 Little Rock 722031

2Mrs ZELPHA JOHNSON BS Res Asst Anim Sci

3L T LANGFORD MS Ext Poultryman (PO Box 391 Little Rock 72203)

2P K LEWIS Jr PhD Prof Biochem Meats

3C F. LUEKER PhD Ext Anim Husb (PO Box 391 Little Rock 72203)

21 F MAXEY BS Res Asst Poultry Sci

12T S NELSON PhD Assoc Prof Anim Nutr 12P R NOLAND PhD Prof Swine Nutr and Brdg

2T E PATRICK BS Res Asst Dairy Mfg 12L T PATTERSON PhD Assoc Prof Anim Microbiol

12J L PERKINS PhD Asst Prof 'Sheep Husb

12E H PETERSON DVM PhD Prof Poultry Path

2H P PETERSON DVM Asst Prof Dairy Physiol

12E L PIPER PhD Asst Prof Anim Physiol

3D F POTTS MS Area Ext Dairyman (PO 7331/2 St Louis St Batesville 72501)

3J B RAGLAND PhD Ext Dairyman (PO Box 391 Little Rock 72203)

12J M RAKES PhD Assoc Prof Dairy Brdg

3LANTIS RATCLIFF PhD Ext Dairyman (PO Box 391 Little Rock 72203)

12M L RAY PhD Prof Beef Cattle Nutr

2FRANK SCARAMUZZA BSA Res Asst Cattle Brdq

2R A SELPH BSA Res Asst Anim Husb 2DON SLOAN BSA Res Asst Poultry Nutr

120 T STALLCUP PhD Prof Dairy Physiol and Nutr

2VAN THOMPSON BSA Res Asst Poulty Sci

2T D VINES BSA Res Asst Dairy Husb 2SARA K WADE BS Res Asst Vet Sci

12P W WALDROUP PhD Asst Prof Poultry Nutr

2R F WARD BSA Res Asst Dairy Husb

3RALPH WILLIAMS PhD Area Ext Dairyman

3J T WOOD BS Eastern Ark Livestock Spec (PO Marianna 72350)

2Mrs CAROL S WOOTEN BS Res Asst Vet Sci

Economics (Agr) and Sociology (Rural)

12H J MEL'NEN PhD Prof Aar Finance and Head of Dept 3T E ATKINSON MS Ext Econ (PO Box 391

Little Rock 72203) 2F E BAKER BS Res Asst Prod Econ

25R D BASS MS Agr Statis (PO Box 1417 Post Office Bidg Little Rock 72203)

2LANNY BATEMAN BSA Res Asst Prof Con 12C R BERRY PhD Prof Mkta

590-630 ARKANSAS

### Economics (Agr) and Sociology (Rural)-Continued 12R H BENEDICT MSAE Prof Elec Power and Proc 2Mrs KAROL B BUDD MS Instr Rural Sociol 12D F CAPSTICK MS Asst Prof Prod Econ 3R C BENZ MS Ext Agr Engin (PO Box 391 Little 12J L CHARLTON PhD Prof Rural Sociol Rock 72203) 3W C CUMMINGS MS Ext Resource Devlpmt Spec 2J A FERGUSON MSCE Asst Prof Water Resources 3J L GATTIS MS Ext Agr Engin (PO Box 391 Little (PO Box 391 Little Rock 72203) 2DANNY DENTON BSA Res Asst Mktg Rock 72203) 2W S HARRIS MSAE Asst Prof Soil and Water 25B L GREEN PhD Coop Agt Econ Devlpmt 2J P HOSKYN MSCF. Res Assoc Water Resources 12W A HALBROOK PhD Asst Prot Prod Econ 12E J MATTHEWS MSAE Assoc Prof Power and Mach 3R W HALE MS Area Farm Mat Spec (PO McGehee 12XZIN McNEAL MA Prof Structures 71654)12G S NELSON MSAE Assoc Prof Elec Power and Proc 3E H HARMS MS Ext Farm Mat Spec (PO Box 391 Little Rock 72203) 12T RIC ROKEBY MS Prof Structures 12G T HUDSON PhD Prof Rural Sociol Entomology 12HILLIARD JACKSON PhD Prof Prices and Mkta 12CHARLES LINCOLN PhD Prof Agr Ent and Heart of 25E A JOHNSON BS Agt Mkt News (PO Box 10 Fort Sm.ith 72901) Dept 3R H JOHNSON MS Ext Resource Devlpmt Spec (PO 12R T ALLEN MS Prof Soil Ins Pests 3GORDON BARNES MS Ext Ent (PO Box 391 Little Box 391 Little Rock 72203) Rock 72203) 2GARY KEATHLEY MS Res Asst Prod Econ 23W P BOYER MS Surv Unt Ins Pests 3J O KUMPE Sr BSA Ext Farm Mat Spec (PO Box 391 Little Rock 72203) 2GERALD DEAN MS Res Asst Agr Ent 2D G LAFFERTY MS Asst Prof Mktq 3R E LAMBERT MS Ext Mktq Spec Fruits and Veq 2B A DUMAS BSA Res Asst Agr Ent 2R E EVERETT BSA Res Asst Livestock Pests (PO Box 391 Little Rock 72203) 2J J KIMBROUGH BSA Res Asst Ins Physiol 12R M KIRKTON PhD Asst Prof Taxon and Ins Control 3L L LOONEY MS Ext Resource Devlpmt Spec (PO Box 391 Little Rock 72203) 12J L LANCASTER Jr PhD Prof Livestock Pests 2D C MADDEN BS Res Asst Prod Econ 2R G MARTIN BS Res Asst Mkta 2R L MAYES MS Res Asst Agr Ent 12F D MINER PhD Prof Agr Ent 12J R PHILLIPS PnD Assoc Prof Ins Pests (Cotton) 3C R MOORE MS Ext Econ (PO Box 391 Little Rock 72203) 3J EROBERTS PhD Ext Ent 12W R MORRISON PhD Prof Mkta and Policy 25TROY MULLINS PhD Coop Agt Prod Econ 2E P ROUSE MS Res Asst Taxon 2JOSEPH SIMCO MS Res Asst Livestock Pests 13J D NETHERTON PhD Asst Prof and Ext Educ Spec 2J W STEWART EA Hes Asst Ins Pests (Cotton) 3J R OTT MS Ext Resource Devlpmt Spec (PO Box 12N P TUGWELL PhD Asst Prof Agr Ent 391 Little Rock 72203) 2G W WALLIS MS Res Asst Forest Ins 3A L OWEN MS Ext Livestock Mktg Spec (PO Box 391 12L C WARREN PED Prof For Ir. and Apric Little Rock 72203) 12W D WYLIE PhD Prof Ins Physiol 12CARTER PRICE PhD Asst Prof Mkta 12W C YEARIAN PhD Asst Prof Ins Control 2S Y YOUNG III PhD Asst Prof Ins Physiol 12J M REDFERN MS Asst Prof Res Econ 25J B ROBERTS Jr Aat Mkt News (PO Univ of Ark Center Little Rock 72203) Extension Administration 3J D SHULTS MS Ext Resource Devlpmt Spec (PO 3C A VINL'S BSA Dir (PO Box 391 Little Rock Box 391 Little Rock 72203) 722031 25H H SPURLOCK MS Coop Agt Econ Devlpmt 3K S BATES MS Assoc Dir (PO Box 391 Little Rock 2C A STUART BS Res Asst Mkta 72203) 3RUNYAN DEERE PhD Dist Agt (PO Box 391 3J C URBON MS Ext Sociol (PO Box 391 Little Rock 72203) Little Rock 72203) 3D R WALLACE BS Ext For Prods Mktg Spec (PO 3Mrs CLAHA G FARRAL MS Dist Ext Home Econ (PO Box 391 Little Rock 72203) Box 391 Little Rock 72203) 12J H WHITE PhD Prof Farm Mgt and Prod Econ 3W H FREYALDENHOVEN MS Dist Act (PO Box 391 3LEARRIE WHITE MS Ext Farm Mat Aat (PO Box 391 Little Rock 72203) Little Rock 72203) 3E A HANSEN MS Dist Act (PO Box 391 Little Rock

3J B WILLIAMS MS State Resource Devlpmt Spec (PO Box 391 Little Rock 72203)

12W J WINDHAM MS Asst Prof Mktg

3A W WOODARD PhD Ext Mktg Spec (PO Box 391 Little Rock 72203)

600

2Mrs MARIE L LAVALLARD MS Stα Ed 3D F. RYKER BS Ext Ed (PO Box 391 Little Rock 72203)

3SHIRLEY COX BSE Asst Ext Ed (PO Box 391 Little Rock 72203)

3J G RODGERS MA Asst Ext Ed (PO Box 391 Little Rock 72203)

Education (Agr and Home Econ) (Col of Educ) 1D B HUTSON EdD Prof Agr Educ and Head of Dept 1Mrs AVA GRAY MS Asst Prof Home Econ Educ 1E L LOVE EdD Asst Prof Agr Educ

1J A SCANLON PhD Asst Prof Agr Educ 1Mrs BEULAH WHORLEY MS Assoc Prof Home Econ Educ

Engineering (Agr) 12B B BRYAN MSAE Prof Soil and Water and Acta

Head of Dept 2L L BASHFORD MSAE Res Assoc Power and Mach Engineering (Agr)-Continued

625

630

72203)

3A L HOLLEY PhP State Aat (PO Box 391 Little Rock 72203)

3BYRON HUDDLESTON MS Dist Act (PO Box 391 Little Rock 72203)

3BRINGLE JENNINGS MS 4-H Club Agt (PO Box 391 Little Rock 72203)

3Mrs HAZEL C JORDAN MS State Ldr Home Econ

(PO Box 391 Little Rock 72203) 3FRANCILLE KILLION MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3MABLE KING MS Dist Ext Home F.con (PO Box 391 Little Rock 72203)

3D S LANTRIP MA State 4-H Club Act (PO Box 391 Little Rock 72203)

3W R PERKINS MS Dist Agt (PO Box 391 Little Rock

72203) 3L L PHILLPS MS 4-H Club Agt (PO Box 391 Little

Rock 72203) 3Mrs DOROTHY P SITTON MS Dist Ext Home Econ

(PO Box 391 Little Rock 72203) 3A W SQUIRES BSBA Admin Asst (PO Box 391 Little Rock 72203)

3Mrs DORRIS C VICK MS Dist Ext Home Econ (PO Box 391 Little Rock 72203)

3D F WALTERS MS Exec Asst (PO Box 391 Little Rock 72203)

630-690

ARKANSAS Extension Administration-Continued Plant Pathology-Continued 3U G WORD Jr MS 4-H Club Agt (PO Box 391 Little 3M C McDANIEL MS Ext Plant Path (PO Box 391 Rock 72203) Little Rock 72203) 12J M McGUIRE PhD Assoc Prof Nematol 2Mrs VIVIEN M MIKOLIZA MS Res Asst Virol Forestry-See Horticulture and Forestry 2B J MOORE BS Res Asst Virol 25Mrs SANDRA W ORSINI MS Res Asst Cotton Dis Home Economics 640 12R D RIGGS PhD Prof Nematol 12H A SCOTT PhD Assoc Prof Virol 12EVELYN M COX PhD Prof and Head of Dept 3Mrs MARGARET P ALEXANDER MS Ext Home Mat. 2W K SHOFNER BSA Res Asst Strawberry Dis Spec (PO Box 391 Little Rock 72203) 2Mrs LORETTA SPOTILA MS Res Asst Nematol 3ETHEL BENNETT BSHF. Ext Spec Relat Arts and 2D L STIFRS MS Res Asst Tree Dis 12G E TEMPLETON PhD Prof Rice Dis Crafts (PO Box 391 Little Rock 72203) 1Mrs MARY M BURTON MS Assoc Prof Fam Relat 12H J WALTERS PhD Prof Virol 2S CATHERINE CARROLL PhD Prof Nutr 2D E WENNERSTROM BS Res Asst Vea Dis IMrs MARY E COTTON DEd Asst Prof Cloth 12CL WILSON PhD Prof Tree Dis 1Mrs BETHEL CUNNINGHAM MS Instr Nutr 3ELIZABETH ELLIS MS Ext Home Mgt Spec (PO Miscellaneous Box 391 Little Rock 72203) 3T R BETTON MA Ext Spec Farm Safety (PO 1VIRGINIA FERGUSON MS Asst Prof Home Mqt 1Mrs SHIRLEY FRIEND MS Instr Cloth Box 391 Little Rock 72203) 3D L GRAY MS Ext Fish and Wildlife Spec 3Mrs CORA L GUTHRIDGE MS Ext Cloth Spec (PO (PO Box 391 Little Rock 72203) Box 391 Little Rock 72203) 3R B HALLMARK MS Ext Rural Civ Def Spec (PO 3Mrs MESCAL JOHNSTON MS Ext Food Mktg Spec Box 391 Little Rock 72203) (PO Box 391 Little Rock 72203)

3Mrs FRANCES W JONES MS Ext Human Relat Spec 3H R HURST PhD Ext Agr Chem Spec (PO Box 391 Little Rock 72203) (PO Box 391 Little Rock 72203) 3G F METZLER MS Ext Recreation Spec (PO Box 391 3PATSY KELLER MS Ext Home Furn Spec Little Rock 72203) (PO Box 391 Little Rock 72203) 3J E MILLER MF Ext Rodent Control Spec (PO Box 1Mrs EULA M NOYCE RN BSN Asst Prof Nursing 3CARTHEL T PINKSTON MPH Ext Health Educ Spec 391 Little Rock 72203) 3G L MORRIS MS Area Aar Chem Spec (PO Jonesboro (PO Box 391 Little Rock 72203) 1Mrs LORENE A RAYMOND MS Asst Prof Nutr 72401) 3EVELYN SEVERSEN MS Ext Housing Spec (PO Box 3R A PIERCE BS Ext Agr Pest Control Spec (PO Box 391 Little Rock 72203) 391 Little Rock 72203) 3ESTHER TENNYSONMS Ext Home Mgt Spec (PO Box 391 Little Rock 7220 3) 12WANDA A PRINGLE MS Libr 3Mrs MARGUERITE P WILLIAMS MS Ext Spec INELL WHITE MS Instr Household Equip Safety (PO Box 391 Little Rock 72203) **Branch Stations and Substations** Horticultural Food Science 650 Cotton Br Expt Sta (PO Marianna 72360) 12A A KATTAN PhD Prof Plant Physiol and Food Technol and Head of Dept 2J L DAMERON BSA Asst Dir in Chq 2J N CASH MSE Res Asst Food Technol 2T J ASHLEY BSA Res Asst (PO Rt 1 Colt 72326) 2J W FLEMING MS Assoc Prof Chem 2K F HARRISON MS Res Asst 2MAURICE HOLLIDAY BSA Res Asst 23J R MORRIS PhD Ext Hort Proc Spec 2C A MOOSBERG MS Assoc Agron 2Mrs CAROLYN S SHARP MS Res Asst Food Technol 2R M SMITH Jr BSA Res Asst (PO Rt 1 12W A SISTRUNK PhD Prof Food Technol and Proc Colt 72326) 2H C STATON BS Res Asst Horticulture and Forestry
12G A BRADLEY PhD Prof Nutr and Head of Dept 660 Livestock and For Br Expt Sta (PO Batesville 72501) 3E J ALLENMS Ext Hort
3J K BALL MS Ext Hort (PO Box 391 Little Rock 2C E MABRY Jr MS Asst Dir in Cha 2C J FLYNN BS Res Asst Northeast Br Expt Sta (PO Keiser 72351) 72203) 2M H TAYLOR MS Asst Dir in Cha 12J L BOWERS PhD Prof Plant Brdg 2G D HALLBSA Res Asst 2E D BROWN BS Res Asst Small Fruit Brdq 2S A BROWN BS Res Asst Tree Fruits 2J S RUNSICK MS Res Asst 2A L SIMS BSA Res Asst Technol Rice Br Expt Sta (PO Stuttaart 72160) 12A T McDANIEL MS Instr Silvic 2F J WILLIAMS MS Asst Dir in Cha 12JOE McFERRAN PhD Prof Plant Brdq 2K O EVANS MS Res Asst 2W T FOX BS Res Asst 12F M MEADE MF Prof Silvic 2J N MOORE PhD Assoc Prof Plant Brdq 2B D RHODES MS Res Asst Nutr 2S E HENRY BSA Res Asst 25T H JOHNSTON PhD Rice Brdg 12R C ROM PhD Prof Nutr and Mat 25R J SMITH Jr PhD Weed Control (Rice) 2B R WELLS PhD Asst Prof Soil Fert 23C S SANTIFER BS Res Asst and Area Hort Spec Southeast Br Expt Sta (PO Rohwer 71666) (PO Warren 71671) 2K B SMITH MS Asst Dir in Cha 2G M BEST BSA Res Asst 3W L SMILEY MF Ext For (PO Box 391 Little Rock 72203) 20 D MEDLEY BSA Res Asst 2J E VAILE PhD Prof Nutr and Mat 2P A SHOCKLEY BSA Res Asst Southwest Br Expt Sta (PO Hope 71801) Plant Pathology 670 2C M BITTLE MS Asst Dir in Cha 2CHARLES BECK BSA Res Asst 12D A SLACK PhD Prof Nematol and Head of Dept 25KATHARINA BOLLENBACHER MA Cotton Dis 2J L DANIELS BS Res Asst 2R W PARHAM MS Res Asst 2D E CHRISTIAN BS Res Asst Cotton Dis

12J L DALE PhD Prof Corn and Grass Dis 25D A DOWNEY MS Coop Act USEC -Meteorology
12J P FULTON PhD Prof Virol
12N D FULTON PhD Prof Cotton Dis

2M L HAMBLEN MS Res Asst Nematol

12M J GOODE PhD Prof Veg Dis

12J P JONES PhD Prof Cereal Dis 2F N LEE BS Res Asst Virol

11

2J F YOUNG BS Res Asst Beef Substa (PO Newport 72112) 2W T WALLACE MS Res Asst in Cha Delta Substa (P.O. Clarkedale 72325)

Fruit Substa (PO Clarksville 72830)

2WALLACE WILLIAMS BSA Res Asst in Chq

680

690

Branch Stations and Substations—Continued
2C J WESTBROOK BSA Junior Hort in Chg
2F M JONES BSA Res Asst
Peach Substa (PO Nashville 71852)
2E H ARRINGTON BSA Junior Hort in Chg
Strawberry Substa (PO Bald Knob 72010)
2H L BOWDEN BSA Res Asst in Chg
Vegetable Substa (PO Van Buren 72956)
2H H VOSE MS Asst Hort in Chg
2W A MULKEY BSA Res Asst

Agricultural, Mechanical and Normal College, Pine Bluff	
L A DAVIS EdD Pres (Tel 501 JE5-6700 Ext 272) S J PARKER PhD Dean Div of Agr and Technol (Tel 501 JE5-6700 Ext 234) G D KYLE PhD Dean of Admin O R HOLIDAY MS Dir Agr	700
Agricultural Economics  J A GORDON MS Assoc Prof Agr Econ and Farm M	<b>710</b> gr
Agricultural Education R C HAYNIE MS Asst Prof Agr Educ and Head Tea er Trainer	<b>720</b> ach-
Agricultural Mechanics J M CHEATHAM MS Assoc Prof Agr Mech	725
Agronomy and Soils  D J ALBRITTON PhD Prof Agron and Agr Chem	730
Animal and Dairy Husbandry OR HOLIDAY MS Prof Anim and Dairy Husb	735
Horticulture S J PARKER PhD Prof Hort	740
Poultry Husbandry ISREID MS Assoc Prof Poultry Husb	750
CALIFORNIA	

Division of Agricultural Sciences (Agricultural Experiment Station, Agricultural Extension Service, College of Agricultural Sciences, College of Agricultural and Environmental Sciences, College of Biological and Apricultural Sciences, School of Forestry and Conservation, School of Veterinary Medicine) of the University of California

1College Staff	<b>2</b> Station Staff	3Extension Staff
5Coop USDA		

1C J HITCH MA LLD DSc Pres of Univ (PO Berkeley) 94720

12J B KENDRICK Jr PhD Vice Pres of Agr Sci Universitywide (317 Univ Hall Berkeley Tel Area Code 415-642-3235) 94720

12C F KELLY MS DSc Dir of Sta Universitywide (317 Univ Hall Berkeley Tel Area Code 415-642-3235) 94720

3G B ALCORN DPA Dir of Agr Ext Serv Universitywide (PO Berkeley Tel Area Code 415-642-7252) 94720 12E G LINSLEY PhD Dean of Col of Agr Sci and Assoc

Dir of Sta (101 Giannini Hall Berkeley Tel Area Code 415-642-7171) 94720

12.I H MEYER PhD Dean of Col of Agr and Environ Sci and Assoc Dir of Sta (PO Davis Tel Area Code 916-752-0107) 95616

1W M DUGGER Ir PhD Dean of Col of Biol and Agr Sci (PO Riverside Tel Area Code 714-787-3101) 92502

12J A ZIVNUSKA PhD Dean of Sch of For and Conserv and Assoc Dir of Sta (145 Mulford Hall Berkeley Tel Area Code 415-642-3765) 94720

1 2W	R PRITCHARD PhD	Dean of	Sch	of Vet	Med	and
	Assoc Dir of Sta (P	O Davis	Tel	Area C	ode 9	916
	752-1360) 95616					

12V T STOUTEMYER PhD Assoc Dir of Sta (PO Los Angeles Tel Area Code 213-272-8911 Ext 22621 90024

12B E DAY PhD Assoc Dir of Citrus Res Center and Sta (PO Riverside Tel Area Code 714-787-3101)

### Berkeley 94720

765

12E G LINSLEY PhD Dean of Col of Agr Sci and Assoc Dir of Sta (101 Giannini Hall Berkeley Tel Area Code 415-642-7171)

12W W MIDDLEKAUFF PhD Asst Dean of Col of Agr Sci

### Biochemistry (Agr)

2H A BARKER PhD Biochem

2R D COLE PhD Biochem Endocrinol

2J B NEILANDS PhD Biochem Intermediary Metabolism

2J C RABINOWITZ PhD Biochem Mechanisms Enzymes

### Cell Physiology 12D I ARNON PhD Prof Biochem and Chmn of Dept 12B B BUCHANAN PhD Lect Microbiol

12ULRICH GEHRING PhD Lect Biochem 2P P KALBERER PhD Assoc Spec Photosynthesis

2H Y TSUJIMOTO BS Assoc Spec Photosynthesis

Economics (Agr) 12D A CLARKE Jr PhD Prof Agr Mktg and Chmn of Dept and Dir of Giannini Foundation of Agr Econ

12J H BIERI MA Act Asst Prof Agr Statis 12J N BOLES PhD Prof Agr Statis

12ALAIN CHOPPIN DE JANVRY PhD Asst Prof Agr

Statis 12J D COFFEY PhD Asst Prof Prod Econ Devlpmt 12N R COLLINS PhD Prof Agr Mktg

12VARDEN FULLER PhD Prof Agr Mktg

25L R GRAY MA Spec Exp Sta Agr Econ 12P G HELMBERGER PhD Assoc Prof Agr Mktg

12S S HOOS PhD Prof Agr Mktg 12G M KUZNETS PhD Prof Agr Statis

12I M LEE PhD Prof Agr Statis

12DAVIS McENTIRE PhD Lect Rural Social 124G L MEHREN PhD Prof Agr Mktg

2Mrs MIRIAM A REVZAN PhD Asst Spec Agr Mktg 12L L SAMMET PhD Prof Agr Mktg

12ANDREW SCHMITZ PhD Asst Prof Internatl Trade 12D W SECKLER PhD Act Assoc Prof Natural Resources
12S V WANTRUP DAgr Prof Natural Resources

### Entemology and Parasitology

800

12R F SMITH PhD Prof Agr Ent and Chmn of Dept 12R W STARK PhD Prof For Ent and Vice Chmn of Dept

2J A CHEMSAK PhD Assoc Spec Syst Ent

### BIOLOGICAL CONTROL

760

12R L DOUTT PhD LLB Prof Parasitic Hymenoptera and Chmn of Div

25L A ANDRES PhD Assoc Biol Control Weeds

25P H ARNAUD Jr PhD Assoc Biol Control Weeds 12L E CALTAGIRONE PhD Lect Biol Control Fruit Pests

12D L DAHLSTEN PhD Asst Prof Forest Ins

2G L FINNEY Spec Culture Entomophagous Ins 25K E FRICK PhD Assoc Biol Control Weeds

12K S HAGEN PhD Lect Physiol Entomophagus Ins 25R BHAWKES MS Assoc Biol Control Weeds

12C B HUFFAKER PhD Prof Biol Control Weeds

2C E KENNETT BS Assoc Spec Biol Control Weeds 12P S MESSENGER PhD Prof Ins Ecol

12ROBERT VAN DEN BOSCH PhD Prof Biol Control Field Crop Pests

### ENTOMOLOGY

12D D JENSEN PhD Prof Ins Vectors Plant Viruses and Chmn of Div

Entomology and Parasitology-Continued  12W W ALLEN PhD Lect Agr Ent  12W C BATISTE PhD Lect Agr Ent  12J E CASIDA PhD Prof Toxicol  12RODERICK CRAIG PhD Prof Physiol	Extension Service (Agr)—Continued 3R D SMITH BA Ext Commun Spec 3J E SWIFT PhD Ext Ent 3ERIC THOR PhD Ext Econ 3L T WALLACE PhD Ext Econ
12H V DALY Jr PhD Assoc Prof Morphol and Biomet 2L A FALCON PhD Asst Invertebrate Path	Forestry (Sch of For and Conserv) 820
12N W FRAZIER PhD Lect Ins Vectors Plant Viruses 12J H FREITAG PhD 12H T GORDON PhD 12P D HURD J. PhD Prof Syst Ent 12C S KOEHLER PhD Lect Agr Ent	ADMINISTRATION  12. A ZIVNUSKA PhD Dean of Sch of For and Conserv and Assoc Dir of Sta Prof and Chmm of Dept and Dir of Wildland Res Center (145 Mulford Hall Berkeley Tel Area Code 415-642-0376) 94720
12E G LINSLEY PhD Prof Gen Ent 12W J LOHER PhD Assoc Prof Ins Behavior 2LOUIS LYKKEN PhD Spec Toxicol 12J W MacSWAIN PhD Prof Ins Biol	12A B ANDERSON PhD Lect Biochem 12H H BISWELL PhD Prof Plant Ecol 12D L BRINK PhD Prof For Prods Chem
12W W MIDDLEKAUFF PhD Prof Agr Ent 12T E MITTLER PhD Lect Ins Physiol 2D E PINNOCK PhD Act Asst Ins Pathol 12R L PIPA PhD Assoc Prof Morphol	12PAUL CASAMAJOR MF Lect For Mgt 12R A COCKRELL PhD Prof Wood Technol 12R N COLWELL PhD Prof Photogram 12J D CUMMING PhD Lect Wood Technol
12G O POINAR Jr PhD Lect Ins Path 12J A POWELL PhD Lect Taxon 12E S SYLVESTER PhD Prof Ins Vectors Plant Viruses 12YOSHINORI TANADA PhD Prof Ins Path	12F E DICKINSON PhD Prof and Dir of For Prods Lab 12R F GRAH PhD Prof For Mgt 12H F HEADY PhD Prof Plant Ecol 12J A HELMS PhD Asst Prof Silvic
12R L USINGER PhD Prof Syst Ent 12D L WOOD PhD Assoc Prof For Ent PARASITOLOGY	1A S LEOPOLD PhD Prof For Wildlife and Zool and Dir Saachen Creek Wildlife-Fisheries Res Sta 12W J LIBBY Jr PhD Assoc Prof For Genet 12W L M McKLLLOP PhD Asst Prof For Econ
<ul> <li>12D P FURMAN PhD Prof Med Ent and Chmn of Div</li> <li>12J R ANDERSON PhD Assoc Prof Diptera Med Importance</li> </ul>	12HELMUTH RESCH DAgr Assoc Prof Wood Technol 12H C SAMPERT MF Lect For Mgt 12A P SCHNIEWIND PhD Prof Wood Technol 12A M SCHULTZ PhD Prof Ecol
12C J WEINMANN PhD Assoc Prof Helminthol  Extension Service (Agr) (See also - Davis, Kearney Horticultural Field Station,	12E C STONE PhD Prof Physiol Ecol 12D E TEEGUARDEN PhD Assoc Prof For Mgt 12H J VAUX PhD Prof For Econ
Riverside)	12L C WENSEL PhD Prof For Biomet 12MARSHALL WHITE PhD Asst Prof For Wildlife and
ADMINISTRATION 3G B ALCORN DPA Dir 3A G VOLZ BS Assoc Dir 3R O MONOSMITH PhD State 4-H Club Ldr	Zool  12W WILCOX PhD Lect For Prods Pathol  12EUGENE ZAVARIN PhD Lect For Prods Chem  12P J ZINKE PhD Assoc Prof For Soils
3R H COPPOCK BA Inform Prog Ldr 3G P WHITLOCK PhD Prog Ldr Farm and Consum	Genetics (Agr) 830 12E R DEMPSTER PhD Prof Anim Genet and Chmn of
Sci 3L C BENSON MS Asst State Dir	Dept 12S W BROWN PhD Prof Anim Genet
3W M LAWSON PhD Asst State Dir 3AMELIA G SANSOM MS Asst Proq Ldr Fam and Consum Sci	12D R CAMERON PhD Prof Plant Genet 12J W FRISTROM PhD Asst Prof Plant Genet 12A D KEITH PhD Asst Prof Biochem Genet 12I M LERNER PhD Prof Anim Genet 12PATRICIA ST LAWRENCE PhD Assoc Prof Genet
SUBJECT-MATTER SPECIALISTS  3J B BAILEY PhD Ext Pesticide Safety Spec	Microorganism
3R B BRADFIELD PhD Ext Nutr 3Mrs CATHERINES BRENT BS Ext Commun Spec 3CONSTANCE B BURGESS MS Ext Home Mgt Spec 3B B BURLINGAME MS Ext Econ	Nutritional Sciences 840  12EL R STOKSTAD PhD Prof Vitamin Chem and Metabolism and Acta Chmn of Dept  12GORDON MACKINNEY PhD Prof Piaments and Food
3G A CARPENTER PhD Ext Econ 3R PATRICIA COLLINS DSc Ext Nutr 3LAURA G COOLEY BS 4-H Club Spec	Sci and Vice Chmn of Dept  12G M BRIGGS PhD Prof Expt Nutr  1W D BROWN PhD Prof Protein Biochem
3H M DAIL PhD Ext Commun Spec 3C S DAVIS PhD Ext Ent 3R F DAVIS MS 4-H Club Spec 3W A DOST BS For Prod Spec	12Mrs DORIS H CALLOWAY PhD Prof Human Nutr 12M A JOSLYN PhD Prof Food Technol and Chem 12Mrs BARBARA KENNEDY [JOHNSON] PhD Assoc Prof Food Quality
3DOROTHY E DUNCAN MS 4-H Club Spec 3K R FARRELL PhD Ext Econ 3MARIE J FERREE MS Area Home Econ Consum Mktq 3E E GILDEN MS Ext For	12JURGEN KOCH PhD Asst Prof Invertebrate Nutr 2J T LANDIS PhD Prof Fam Sociol 12R L LYMAN PhD Prof Lipids and Food Util 12SHELDON MARGEN MS MD Prof Clin Nutr
3Mrs CHRISTINE C GROPPE MS Ext Nutr 3RUBY D HARRIS EdD Ext Spec in Fam Relat and Leadership Training	12Mrs VIRGINIA R McMASTERS PhD Lect Inst Mat 1HS OLCOTT PhD Prof Marine Food Sci 12Mrs ROSEMARIE OSTWALD PhD Assoc Prof Lipid
3GRACE KAMPEN MA Ext Home Furn Spec 3G F MacLEOD PhD Prog Ldr Pest Application Proj 3J W MAMER PhD Ext Econ 3J R MORRISON BA Ext Inform Spec	Metabolism 12E L R STOKSTAD PhD Prof Vitamin Chem and Metabolism 12MARY ANN WILLIAMS PhD Assoc Prof Vitamin
3Mrs FRANCES R QUINN MS Ext Cloth Spec 3G A ROWE PhD Ext Econ 3D T SCHILD MS Ext Vis Spec	Metabolism Plant Pathology 850
3W G SCHNEEFLOCK MEd 4-H Club Spec 3J B SIEBERT PhD Ext Econ	12W C SNYDER PhD Prof Root Dis Fusarium and Chmn of Dept

850-910 CALIFORNIA

Plant Pathology-Continued		Agronomy - Continued
12K F BAKER PhD Prof Root Dis		25J G DEAN MS Agron Forage Seed Prod
125R V BEGA PhD Lect Rust Physiol and For Dis		25J R ERICKSON PhD Brdg and Res Rice
		2J T FEATHER MS Agron Seed Certif
12F W COBB Jr PhD Asst Prof For Dis and Rusts		
12A H GOLD PhD Prof Virol and Serol		12R C HUFFAKER PhD Assoc Prof Biochem Growth
12J G HANCOCK Jr PhD Asst Prof Dis Ornam		Factors
12J R PARMETER Jr PhD Assoc Prof For Dis Myco	ol	25A H HYER PhD Genet Cotton
12R DRAABE PhD Prof Ornam Dis Control		12S K JAIN PhD Genet Pop Studies
12D E SCHLEGEL PhD Prof Virol and Physiol Dis		2R E JOHNSON MS Agron Cotton
		2L G JONES BS Assoc Agron Legumes (Retired)
12M N SCHROTH PhD Assoc Prof Bact Dis and		
Physiol Resistance		12M B JONES PhD Lect Soil Sci Range Crops
12S H SMITH PhD Asst Prof Virus Dis		2B L KAY BS Agron Range Mgt
12W N TAKAHASHI PhD Prof Virol and Infection Ph	veial	12P F KNOWLES PhD Prof Genet Oil and Fiber Crops
12A R WEINHOLD PhD Assoc Prof Dis Pathogen	1,5101	124H M LAUDE PhD Prof Plant Physiol Range Crops
		2W F LEHMAN PhD Genet Alfalfa
Physiol		12R S LOOMIS PhD Prof Plant Physiol Sugarbeet
12STEPHEN WILHELM PhD Prof Verticilium Dis Sm	ıall	
Fruits and Broomrape		12B A MADSON BSA LLD Prof Emeritus Agron Field
12C E YARWOOD PhD Prof Virol Rusts Mildews		Crops
TEO E THIN CODE IND THAT THE HAD MINGENS		2J J MASTENBROEK BS Genet Rice
		25J S McFARLANE PhD Genet Sugarbeet
Soils and Plant Nutrition	860	25S C McMICHAEL PhD Agron Cotton
12P R DAY PhD Prof Soil Phys and Chmn of Dept		
12R J ARKLEY PhD Lect Soil Morphol		12D S MIKKELSEN PhD Prof Soil Chem Field Crops
12K L BABCOCK PhD Prof Soil Chem		2M D MORSE BS Agron Rice Cult
12ISAAC BARSHAD PhD Lect Soil Mineral		2F G PARSONS BS Agron Seed Certif
		12M L PETERSON PhD Prof Plant Physiol Irrig Pasture
12T C BROYER BS Prof Plant Physiol		12C O QUALSET PhD Asst Prof Genet Cereal
12P L GERSPER PhD Asst Prof Soil Morphol		
12LOUIS JACOBSON PhD Prof Plant Physiol		12C A RAGUSE PhD Asst Prof Irrig Pastures
2C M JOHNSON PhD Chem Plant and Soil		2BURT RAY BS Seed Certif
12A D McLAREN PhD Prof Microbiol		2J E RUCKMAN BA Chem Lab
		12C W SCHALLER PhD Prof Genet Cereal
12ROY OVERSTREET PhD Prof Soil Chem		12D G SMELTZER PhD Lect Genet Sorghum and Corn
2R K SCHULZ BS Spec Soil Chem		
12ALBERT ULRICH PhD Lect Plant Physiol		Brdg
2JAMES VLAMIS PhD Plant Physiol		25E G SMITH BS Agron Cotton
12L J WALDRON PhD Asst Prof Soil Phys		12F L SMITH PhD Prof Emeritus Genet Bean Brdg
		12E H STANFORD PhD Prof Genet Alfalfa
12D E WILLIAMS PhD Lect Soil Chem		2D C SUMNER BS Agron Forage Crops
2Mrs LUCY T YOUNG PhD Spec Plant Physiol		25C A SUNESON MS Genet Cereals (Retired)
		oc i Thoreb De Come Deletion Deser
Davis 95616		2C L TUCKER BS Genet Brdg Lima Bean
		25J H TURNER MS Genet Cotton
	070	25V T WALHOOD PhD Plant Physiol Cotton
I DAVING TO LITTON	870	12C H E WERKHOVEN PhD Lect Soil Fert
ADMINISTRATION		12W A WILLIAMS PhD Prof Internatl Agr Prog Plant
12.JH MEYER PhD Dean Col of Aar and Environ		Physiol Forage Legumes and Cover Crops
Sci and Assoc Dir of Sta (PO Davis Tel Area		
Code 916-752-0107) 95616		12F P ZSCHEILE Jr PhD Prof Biochem Dis Resistance
12T A NICKERSON PhD Assoc Dean Col of Agran	d	
	u	
Environ Sci	C	Animal Science 910
12G R HAWKES PhD Assoc Dean Fam and Consum	SC1	12MAGNAR RONNING PhD Prof and Chmn of Dept
12HO WALKER EdD Asst Decon Colof Acor cond		Nutr Metabolism
Environ Sci		
12E C MAXIE PhD Asst Dean of Res		12C R ASHMORE PhD Asst Prof Physiol Devlomt
		Growth
Agricultural Practices	880	124R L BALDWIN Jr PhD Assoc Prof Biochem Metabolism
12H O WALKER EdD Lect and Chmn of Dept Agr	000	Control Mech
		12G E BRADFORD PhD Assoc Prof Genet Genotype
2G F HANNA MEd Aar Pract Farm Mach		Environ Interaction
2G E RAPP MEd Aar Pract Summer Placement		12F D CARROLL PhD Prof Nutr Meat
		12H H COLE PhD LLD Prof Emeritus Physiol Bloat
Agricultural Toxicology and Residue Research		
Laboratory	890	Reproductive Endocrinal Recalled
12G F STEWART PhD Prof and Chmn of Dept	• • • • • • • • • • • • • • • • • • • •	12P T CUPPS PhD Prof Physiol Reproductive
24H F BECKMAN PhD Anal Chem Pesticides		Endocrinol
		12G A E GALL PhD Asst Prof Genet Biochem
12D G CROSBY PhD Lect in Food Sci Technol		12W N GARRETT PhD Assoc Prof Nutr Environ Studies
Toxicol Chem Toxicol of Pesticides		12I I GESCHWIND PhD Prof Biochem Protein Hormones
12W W KILGORE PhD Lect in Food Sci and Tech		12HAROLD GOSS PhD Prof Emeritus Biochem Nutr
Biochem Pesticides		
2W L WINTERLIN MS Residue Anal		12P W GREGORY DSc Prof Emeritus Genet Bovine
		Achondroplasia
Agronomy	900	12HUBERT HEITMAN Jr PhD Prof Nutr Swine
12R M LOVE PhD Prof and Chmn of Dept Cytogenet		12C E HOWELL MS Prof Emeritus Anim Husb Horses
		2J L HULL MS Nutr Irrig Pasture
Range Plants Ecol		12MAX KLEIBER DSc Prof Emeritus Nutr Intermedicary
25G H ABEL MS Agron Indus Crops		
12F T ADDICOTT PhD Prof Plant Physiol Cotton		Metabolism
12R W ALLARD PhD Prof Genet Brdg Lima Bean		12R C LABEN PhD Prof Genet Anim Brdg
2D M BASSETT PhD Plant Physiol Cotton		12G P LOFGREEN PhD Prof Nutr Feed Eval
25B H BEARD PhD Genet Fiber Crops		12S W MEAD MS Prof Emeritus Dairy Sci Nutr and Genet
		2V E MENDEL PhD Compar Physiol Environ
12R W BREIDENBACH PhD Lect Seed Physiol		
2R A COBB MS Seed Lab		12J H MEYER PhD Prof Nutr Fiber Nutr Fibrous Feed
12J P CONRAD PhD Prof Emeritus Soil Sci Fert		12D W ROBINSON PhD Asst Prof Nutr Swine
25H B COOPER Jr PhD Agron Cotton		124W C ROLLINS PhD Prof Genet Pop
12BEECHER CRAMPTON MS Lect Bot Range and		2D T TORELL MS Anim Husb Range Nutr Sheep
Forgge Crops		2K A WAGNON BS Anim Husb Range Studies Beef

910-980

### CALIFORNIA

Botany (Agr)-Continued

124P A CASTELFRANCO PhD Assoc Prof Dir Padua Study Center Plant Physiol Biochem 12A S CRAFTS PhD Prof Emeritus (Recalled) Plant

Animal Science-Continued

Botany (Agr)

12C R STOCKING PhD Prof and Chmn of Dept Plant

12F M ASHTON PhD Prof Plant Physiol Weed Control 12D E BAYER PhD Lect Plant Physiol Weed Control

Physiol Chloroplasts

12W C WEIR PhD Prof Nutr Ruminants Sheep
12J F WILSON MA Prof Emeritus Anim Husb Wool

nimal Physiology 915	Physiol Weed Control
12J M BODA PhD Prof and Chmn of Dept Physiol	12H B CURRIER PhD Prof Assoc Dean Grad Div Plant
Ruminant Endocrinol and Metabolism	Physiol Cellular Physiol
12H W COLVIN Jr PhD Assoc Prof Ruminant Physiol	12EL.17ABETH G CUTTER PhD Prof Plant Morphol
12J M HOROWITZ Jr MS Asst Prof Biophysiol	12E M GIFFORD Jr PhD Prof Morphol Plant Anat
2W E HOWARD PhD Pest Control	25PAUL KEELEY PhD Bot Cotton 12NORMA J LANG PhD Asst Prof Morphol Algae
12F W LORENZ PhD Prof Physiol Reprod	120 A LEONARD PhD Lect Weed Control
2R E MARSH AB Anim Ecol 12A H SMITH PhD Prof Physiol Environ Physiol	12JACK MAJOR PhD Assoc Prof Plant Ecol
Metabolism	25J H MILLER PhD Bot Cotton
12I H WAGMAN PhD Prof Neurophysiol Primate Biol	12R F NORRIS PhD Asst Prof Plant Growth Regulators
1C M WINGET PhD Lect Biorhythmicity	Herbicide Res in Agronomic Crops
12DOROTHY E WOOLLEY PhD Asst Prof Neurophysiol	12T E RAGLAND PhD Asst Prof Plant Physiol
	2T F TISDFLL PhD Bot Weed Control
Applied Behavioral Sciences 917	12J M TUCKER PhD Prof Taxon
120 E THOMPSON PhD Prof and Chmn of Dept Rural	12T E WEIER PhD Prof Plant Physiol Cytology 12KENNETH WELLS PhD Assoc Prof Mycol Funai
Social  12R F BARNES PhD Asst Prof and Assoc Univ Ext Spec	25R R YEO PhD Res Agron Aguatic Weed Control
Adult Educ	250 N TEO PILD THES ACTION Adductic weed Control
IGLEN BURCH EdD Lect Adult Educ and Dir UNEX	Chemistry (Agr) 950
Davis	12R M KEEFER PhD Prof and Chmn of Dept Chem Phys
1JOANN A CRUMP BA Lect Desian and Cloth	12L J ANDREWS PhD Prof Chem Organic
12ISAO FUJIMOTO MA Asst Prof Rural Sociol	12R K BRINTON PhD Prof Chem Phys Organic Anal
1F L GRIFFIN MS Prof Emeritus	12R E KEPNER PhD Prof Chem Oraanic
12GR HAWKES PhD Prof Child Devlomt 1ARLINE JOHNSON MS Lect Supvr Teach Educ	12E P PAINTER PhD Prof Chem Biochem
1E M JUERGENSON PhD Prof Teacher Training	12H G REIBER PhD Prof Dean Grad Div Chem Organic 12W E THIESSEN PhD Asst Prof Chem Structural Organ
12D B LYNN PhD Prof Child Psychol	12D H VOLMAN PhD Prof Chem Phys
1H B OLSEN Lect Design	TED IT VOLUMENT IND THE CHEMIT IND
12MARY C REGAN PhD Asst Prof Res Design and Anal	Consumer Sciences 955
1Mrs KATHERINE W ROSSBACH MS Lect Design	12MARY ANN MORRIS PhD Prof and Chmn of Dept
IS S SUTHERLAND MS Prof Emeritus Teacher Educ Group Proc and Learnina	Chem Text Sci
1JANE N WELKER MA Lect Nurserv Sch Teacher	12D F. HEINZ PhD Asst Prof Food Chem
124EMMY E WERNER PhD Assoc Prof Psychol	1AGNES C McCLELLAND MA Lect Cloth 12G F RUSSELL MS Asst Prof Food Chem
Child Devlomt	12G F RUSSELL MS Asst Prof Food Chem 12S H ZERONIAN PhD Asst Prof Text Sci
1T J WITT MA Lect Design	125 II ZEMONIAN FILE ASSETTOT TEXT BET
	Economics (Agr) 960
Bacteriology (Agr) 920	12J H SNYDER PhD Prof and Chmn of Dept Resource
12A G MARR PhD Prof and Acta Chmn of Dept Microbiol Biochem Cytol	Econ Agr Devlpmt
12R E HUNGATE PhD Prof Microbiol Rumen Studies	12H F CARMAN PhD Asst Prof Agr Mktg
12J L INGRAHAM PhD Prof Microbiol Low Temp	12H O CARTER PhD Prof Farm Mgt Prod Econ
12C S MUDGE PhD Prof Emeritus Bact	12G W DEAN PhD Prof Prod Farm Mat 12D B DELOACH PhD Prof Mktg Econ and Policy
12D M REYNOLDS PhD Assoc Prof Microbiol Chitinase	
	12 F FARIS In PhD Prof Prod Econ Farm Mat
Teaching Films	12JE FARIS Jr PhD Prof Prod Econ Farm Mat 12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phyto-	12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal
Teaching Films	12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal 12B C FRENCH PhD Prof Mktg Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathogenic Bact	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathogenic Bact  Biochemistry and Biophysics 930	12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal 12B C FREINCH PhD Prof Mktg Econ 124T R HEDGES PhD Prof Farm Mgt Interntl Agr 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Agr Econ Farm Mgt
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of	12JERRY FOYTIK PhD Prof Mktg Econ and Price Anal 12B C FRENCH PhD Prof Mktg Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chun of Dept Enzymol Pyridin Nucleotide Metabolism	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chun of Dept Enzymol Pyridin Nucleotide Metabolism	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FREINCH PhD Prof Mkta Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aca 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Acar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Acar Econ 12A F McCALLA MA Asst Prof Acar Policy and
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ
Teachina Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dent Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSSI'R MS Asst Prof Econometrics
Teachina Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dent Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12t R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSSUR MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dent Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 124T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSSHR MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internati
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12t R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSSUR MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12G C RAUSS'R MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dent Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12T R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12G C RAUSSER MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Fnzyme Mechanisms	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12G C RAUSS'R MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 280 280 281 282 283 284 285 286 286 286 287 2886 2887 2880 2887 2880 2880 2880 2880 2880
Teachina Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dent Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Fnzyme Mechanisms  12JACK PREISS PhD Prof Enzymol Carbohydrate Metabolism	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12t R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSSER MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 980 12J R GOSS MS Prof and Churn of Dept Hay Handling Small Seed Harvestina 25P A ADRIAN BS Mech Harvestina
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Enzyme Mechanisms  12JACK PREISS PhD Prof Enzymol Carbohydrate Metabolism  1Mrs FRANCES E RUDERT MS Lect Mat Teachina Lab	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSS'H MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 12J R COSS MS Prof and Chirth of Dept Hay Handling Small Seed Harvestina 25P A ADRIAN BS Mech Harvestina 12N B AKESSON MS Prof Aar Chem and Pest Control
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Finzyme Mechanisms  12JACK PREISS PhD Prof Enzymol Carbohydrate Metabolism  1Mrs FRANCES E RUDERT MS Lect Mat Teachina Lab  121 H SEGEL PhD Asst Prof Sulfur Metabolism in Bacteria	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSS'R MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 12J R COSS MS Prof and Churn of Debt Hay Handlina Small Seed Harvestina 25P A ADRIAN BS Mech Harvestina 12N B AKESSON MS Prof Aar Chem and Pest Control 12ROY BAINER MS Prof and Dean Col of Engin Mech
Teachina Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Fnzyme Mechanisms  12JACK PREISS PhD Prof Enzymol Carbohydrate Metabolism  1Mrs FRANCES E RUDERT MS Lect Mat Teachina Lab  121 H SEGEL PhD Asst Prof Sulfur Metabolism in Bacteria and Funci	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12G C RAUSSER MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 25P A ADRIAN BS Mech Harvestina 12N B AKESSON MS Prof and Chira of Deot Hay Handlina Small Seed Harvestina 12N B AKESSON MS Prof and Chem and Pest Control 12ROY BAINER MS Prof and Dean Col of Enain Mech
Teaching Films  124M P STARR PhD Prof Microbiol Piaments and Phytopathoaenic Bact  Biochemistry and Biophysics 930  12STERLING CHAYKIN PhD Assoc Prof and Chmn of Dept Enzymol Pyridin Nucleotide Metabolism Oxidative Phosphorylation  12G E BRUENING PhD Asst Prof Nucleic Acids Plant and Anim Virus  12E E CONN PhD Prof Plant Biochem Aromatic Compounds  12R S CRIDDLE PhD Assoc Prof Phys Biochem Protein Interactions  12R H DOI PhD Assoc Prof Control Mech in Bacterial Differentiation  12J L HEDRICK PhD Assoc Prof Enzyme Structures  12L L INGRAHAM PhD Prof Phys Organic Chem Finzyme Mechanisms  12JACK PREISS PhD Prof Enzymol Carbohydrate Metabolism  1Mrs FRANCES E RUDERT MS Lect Mat Teachina Lab  121 H SEGEL PhD Asst Prof Sulfur Metabolism in Bacteria	12JERRY FOYTIK PhD Prof Mkta Econ and Price Anal 12B C FRENCH PhD Prof Mkta Econ 12th R HEDGES PhD Prof Farm Mat Interntl Aar 1Mrs ANN HERTZENDORF MS Lect Conserv Econ 25S S JOHNSON PhD Aar Econ Farm Mat 12W E JOHNSTON PhD Assoc Prof Natural Resources 12G A KING PhD Prof Mkta Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12S H LOGAN PhD Assoc Prof Aar Econ 12A F McCALLA MA Asst Prof Aar Policy and Political Econ 12C O McCORKLE Jr PhD Prof Prod Econ Farm Mat 25C V MOORE PhD Aar Econ Prod and Resource Econ 12C C RAUSS'R MS Asst Prof Econometrics 12S H SOSNICK PhD Prof Mkta Econ Indus Oraan 12J M TINLEY PhD Prof Emeritus Mkta Econ Internatl Aar Coop  Engineerina (Aar) 12J R COSS MS Prof and Churn of Debt Hay Handlina Small Seed Harvestina 25P A ADRIAN BS Mech Harvestina 12N B AKESSON MS Prof Aar Chem and Pest Control 12ROY BAINER MS Prof and Dean Col of Engin Mech

940

2PICTIAW CHEN PhD Aar Enain

25THAYER CLEAVER BS Form Structures

and Heat Transfer on Environ

12K L COULSON PhD Prof of Met Atmos Radiation

Engineering (Agr)- Continued	Extension Service (Agr)—Continued
124J B DOBIE BS Lect Relat of Elec to Agr Hay Pelleting	3R W BRAZELTON BS Ext Aar Engin
12R B FRIDLEY MS Assoc Prof Mech Harvesting of Fruits	3V E BURTON BS Ext Ent
124R E GARRETT MS Assoc Prof Mech Harvesting of	3R B BUSHNELL DVM Ext Anim Health Spec
Lettuce	3G M COOKE BA Ext Enol
124J P GENTRY MS Lect Fruits in Transit	3G L CRENSHAW DVM Ext Anim Health Spec 3R G CURLEY BS Ext Aar Engin
25R L GIVENS MS Coop Res Problems	3W B DAVIS MS Ext Ornam Hort
2RENE GUILLOU MS Agr.Engin	3J T ELINGS BS Ext Anim Sci
12J C HARPER DSc Assoc Prof Freeze Drying	3C L ELMORE MS Ext Weed Technol
12S A HART PhD Prof Sanit Engin of Livestock Wastes	3J A EMO MEd 4-H Club Spec
12S M HENDERSON MS Prof Refrigeration Rice Drying	3R A ERNST PhD Ext Poultry Spec
12C F KELLY MS Prof Anim Environ and Structure	3D E GILBERT PhD Ext Bioclimatel
12R A KEPNER BS Prof Hay Handling	3G S GOBLE BS Ext Dairy and Livestock Tech
12COBY LORENZEN Jr MS Prof Tomato Harvesting 124A A McKILLOP PhD Assoc Prof Freeze Drying	3D H HALL PhD Ext Plant Path
12P S MOLLER PhD Assoc Prof Drift Studies	3W H HART PhD Ext Plant Nematol
12S R MORRISON PhD Assoc Prof Anim Environ	3W A HARVEY MS Ext Weed Control Spec
12L O MYRUP PhD Asst Prof Met	3R F HASEK PhD Ext Flor
12L W NEUBAUER PhD Prof Structures	3F J HILLS PhD Ext Agron
12MICHAEL O'BRIEN PhD Prof Bulk Handling	3MARVIN HOOVER BS Ext Cotton Spec (PO Shafter)
12J B POWERS PhD Prof Electronic Sorting of Fruits	3K H INGEBRETSEN BS Ext Agron Technol
12H B SCHULTZ PhD Lect Geog Prof Agr Engin	3F E JONES MS Ext Inform Spec
Climatol	3A N KASIMATIS MS Ext Vitic
12W E YATES MS Assoc Prof Sprays and Pest Control	3R F KASMIRE MS Ext Mktg Technol
	3B AKRANTZ PhD Ext Soils Spec
Entomology 990	3E C LOOMIS PhD Ext Parasitol
120 G BACON PhD Prof and Chmn of Dept Agr Ent	3 V L MARBLE PhD Ext Agron
Pests of Legume Seeds Corn Potatoes Sweetpotatoes	3G A MARLOWE Jr PhD Ext Veg Crops Spec
12S F BAILEY PhD Prof Emeritus Agr Ent Mosquito	3W E MARTIN PhD Ext Soils Spec
Thrips Pests of Plums Prunes Cherries 12R M BOHART PhD Prof Syst Ent Mosquito Wasp Flies	3W B McHENRY BS Ext Weed Control Technol
2E C CARLISON MS Agr Ent Seeds and Oil Crops	3W C MICKE MS Ext Pomol Technol
12W R COTHRAN PhD Asst Prof Agr Ent	3G E MILLER Jr BS Ext RCD Prog Coord
12J E ECKERT PhD Prof Emeritus Apic Dis Insecticides	3H L MILLER MS 4-H Club Spec
12N E GARY PhD Assoc Prof Apic Pesticides and	3M D MILLER MS Ext Agron
Pollination	3F G MITCHELL MS Ext Pomol Mktg
12A A GRIGARICK Jr PhD Assoc Prof Agr Ent Field	3H J O'REILLY PhD Ext Plant Path
Crops	3V P OSTERLI BS Prog Leader Spec Proj
12C L JUDSON PhD Assoc Prof Ent Mosquito Eggs	3P S PARSONS MS Ext Econ
12H H LAIDLAW Jr PhD Prof Apic Brdg	3R A PARSONS MS Ext Acr Engin 3R C PEARL BS Ext Food Technol
12W H LANGE Jr PhD Prof Agr Ent Pests in Veg Crops	3C L PELISSIER MS Ext Dairyman
Soil Insecticides Snails and Slugs	3J D PRATO MS Ext Agron
2T F LEIGH PhD Agr Ent Cotton	3JAMES QUICK BA Ext Technol
12G A H McCLELLAND PhD Asst Prof Med Ent Mosquito	3A D REED PhD Ext Econ
2H L McKENZIE MS Syst Ent Scale Ins	3H B RICHARDSON MS Ext Vitic Mktg
12D L McLEAN PhD Assoc Prof Ent Ins Borne Viruses	3A D RIZZI BS Ext Pomol
12L M SMITH PhD Prof Emeritus Ent Taxon	3A S ROSENWALD DVM PhD Ext Poultry Path
12E M STAFFORD PhD Prof Agr Ent Pests of Grapes	3V E RUBATZKY PhD Ext Veg Crops Spec
Olives Figs Scale Ins	3D JANE SCHOPPE MS Ext Home Furn Spec
12F E STRONG PhD Assoc Prof Agr Ent Plant	3W W SHEPARD BS Ext Inform Spec
Resistance	3W L SIMS PhD Ext Veg Crops Spec
12F M'SUMMERS PhD Prof Agr Ent Mites 2R W THORP PhD Apic	3G M SPURLOCK PhD Ext Anim Sci
2F E TODD BSc Ent Apic	3WARD STANGER MS Ext Apic
12R K WASHINO PhD Agr Ent Tgxon	3JE STREET MS Ext Agron Tech
IN THE PROPERTY OF THE PROPERT	3R D TEAGUE BS Ext Wildlife Spec
Environmental Horticulture 995	3W R THOMAS PhD Ext Food Tech
12H C KOHL Jr PhD Prof and Chmn of Dept Plant	3W E WILDMAN PhD Ext Soils Spec
Physiol Flor	3MADELYN C WILLIAMS MA Ext Clothing Spec
12W P HACKETT PhD Assoc Prof Ornam Hort	3G K YORK PhD Ext Tech Food Sci
12J A HARDING PhD Asst Prof Genet Flor	P 10
12R W HARRIS PhD Prof Plant Physiol Arboricult	Food Protection and Toxicology Center 100
12ANTON KOFRANEK PhD Prof Flor	12G F STEWART PhD Dir
12A T LEISER PhD Assoc Prof Hort Plants	(Tel Area Code 916-752-1142)
12J H MADISON Jr PhD Assoc Prof Plant Physiol Turf	Food Science and Technology 101
12J L PAUL PhD Asst Prof Soil and Plant Nutr	101 12C O CHICHESTER PhD Prof and Chmn of Dept
12R M SACHS PhD Prof Plant Physiol Flor	Chem Engin Food Pigments Food Engin
2DANIEL SMITH MS Landsc Hort Flor	12R A BERNARD PhD Assoc Prof Plant Physiol Food
E	Flavor Chem
Extension Service (Agr) 1000 3C E HOUSTON BS Asst State Dir	123A W BRANT PhD Lect Poultry and Eag Proc
3M W CUMMINGS BS Asst State Dir	12E B COLLINS PhD Prof Microbiol Dairy Prod
3D C ALDERMAN PhD Ext Pomol	and Public Health
3R S AYERS MS Ext Soils and Water Spec	12E V CRISAN PhD Asst Prof Microbiol Food Technol
3D L BATH PhD Ext Dairy Nutr	12W L DUNKLEY PhD Prof Dairy Technol Dairy Prod
3L J BERRY BS Ext Ronge Spec	12R E FEENEY PhD Prof Biochem Proteins
3J A BEUTEL MS Ext Pomol	12D W GRUENWEDEL PhD Lect Instrumental Anal
3L J BOOHER CE Ext Irrig	Food Chem
3A W BRANT PhD Ext Food Tech	26E H GRUGER Jr MS Fish and Wildlife Serv USDI
	2BRUCE HUBBELL Jr BS Dairy Technol Dairy Prod
16	12E L JACK PhD Prof Emeritus Food Chem Milk Fats

1010-1100 CALIFORNIA

Food Science and Technology—Continued

12W G JENNINGS PhD Prof Aar Chem Food Flavor Chem Food Plant Sanit

12S J LEONARD BS Lect Food Tech

12M J LEWIS PhD Asst Prof Brewing Tech

12B S LUH PhD Lect Agr Chem Food Proc and Spoilage Deterioration

12G L MARSH MS Prof Emeritus Food Technol Chem of Deterioration Freezina and Cannina Technol 12MENDEL MAZELIS PhD Assoc Prof Biochem Freezing Preserv

12M W MILLER PhD Assoc Prof Microbiol Dried Fruit Yeasts

12E M MRAK PhD Prof Food Technol

12T A NICKERSON PhD Prof Dairy Technol Dairy Prod 12Mrs ROSE MARIE PANGBORN MS Assoc Prof Nutr and Foods Sensorv Eval Sensorv Perception
12H J PHAFF PhD Prof Microbiol Taxon of Yeasts

Enzyme and Pectin Chem

12C L ROADHOUSE DVM Prof Emeritus Dairy Technol 21 F SHAVER BS Food Proc 12L M SMITH PhD Prof Aar Chem Lipids

12CLARENCE STERLING PhD Prof Bot Histol Chem and Biophys of Foods

12G F STEWART PhD Prof Food Chem Anim Prod Technol 12A L TAPPEL PhD Prof Biochem of Foods 12N P TARASSUK PhD Prof Emeritus Agr Chem Dairy

Prod Deterioration 12R H VAUGHN PhD Prof Food Microbiol Spoilage Plant Sanit Public Health Problems

12J R WHITAKER PhD Prof Biochem Enzyme Chem Meat Ouality

2F H WINTER BS Freezing and Drying

12M H WOSKOW PhD Assoc Prof Expt Psychol Sensory Perception

1020 Genetics

12R W ALLARD PhD Prof and Chmn of Dept Genet Brdg Lima Bean

12HARRIS BERNSTEIN PhD Asst Prof Genet Molecular 12J B BOYD PhD Asst Prof Genet

1040

1060

124M M GREEN PhD Prof Genet Drosophila 12S R SNOW PhD Assoc Prof Genet Cytogenet 124G L STEBBINS Jr PhD Prof Plant Genet Plant

International Agricultural Institute

Evolution

Biochem

1C M HARDIN PhD Dir (Tel Area Code 916-752-0820)

Mathematics (Agr)

12E B ROESSLER PhD Prof and Chmn of Dept Statis Design and Anal of Expt Surv Methods

12G A BAKER PhD Prof Statis Design and Anal of Expt Multivariate Anal

12C M FULTON PhD Prof Math Geometry Differential Tensor Anal Foundations

1070

12D J RASKI PhD Prof and Chmn of Dept Nematol Taxon Graves Virus Dis

124M W ALLEN PhD Prof Nematol Taxon Cotton 25F E CAVENESS PhD Plant Path Cotton

12BERT LEAR PhD Prof Nematol Nematocides Vea and

Field Crops

12B F LOWNSBERRY PhD Lect Nematol Pathogenesity Deciduous Fruits and Nuts 12A R MAGGENTI PhD Lect Nematol Morphol Nursery

and Ornam 12D R VIGLIERCHIO PhD Lect Nematol Physiol and

1075

Nutrition 12F W H1LL PhD Prof and Chmn of Dept Nutr Energy Metabolism

12MYRON BRIN PhD Prof Nutr 12BETTY E HASKELL PhD Asst Prof Nutr 12Mrs LUCILLES HURLEY PhD Prof Biochem Nutr 12SUSAN MOACE PhD Asst Prof Nutr 12FBANCES J ZEMAN PhD Assoc Prof Nutr

Physics (Agr) 12C G PATTEN PhD Prof Nuclear Phys Accelerators Spectroscopy

12M E GARDNER PhD Prof Nuclear Phys Accelerators

1000 Plant Pathology

1080

12W B HEWITT PhD Prof and Chmn of Dept Plant Path Grape Dis Soil Borne Virus

25L J ASHWORTH PhD Plant Path Cotton Dis 25C W BENNETT PhD Plant Path Virus Dis of Sugarbeets

12E E BUTLER PhD Assoc Prof Plant Path Post Harvest Dis Mycol

12R N CAMPBELL PhD Assoc Prof Plant Path Veg Dis

12J E DEVAY PhD Prof Plant Path Host Parasite Relat
25J E DUFFUS PhD Plant Path Virus Dis of Sugarbeets 12W H ENGLISH PhD Prof Plant Path Dis of Deciduous

Fruits and Nuts 25R H GARBER MS Plant Path Cotton Dis

25A C GOHEEN PhD Plant Path Grape Dis

124R G GROGAN PhD Prof Plant Path Virol Veg Dis 25J M HARVEY PhD Plant Path Post Harvest Fruit Dis 12B R HOUSTON PhD Prof Plant Path Field Crop Dis

25J M KLISIEWICZ PhD Plant Path Oil Crop Dis

12TSUNE KOSUGE PhD Assoc Prof Plant Path Biochem of Plant Pathogens

12L D LEACH PhD Prof Emeritus Plant Path Seeding Dis

12GEORGE NYLAND PhD Prof Plant Path Fruit Tree Virus Dis

12J M OGAWA PhD Prof Plant Path Dis of Deciduous Fruits and Nuts
25T S PINE PhD Plant Path Dis of Deciduous Fruits

25WC SCHNATHORST PhD Plant Path Cotton Dis

12T A SHALLA PhD Assoc Prof Plant Path Pome Fruit Virus Dis

12R J SHEPHERD PhD Lect Plant Virol 12R K WEBSTER PhD Asst Prof Genet Plant Pathogens and Pathogenicity

12E E WILSON PhD Prof Emeritus Plant Path Fruit and Nut Crop Dis Bacterial

1100

12D S BROWN PhD Prof and Chan of Dept Plant Physiol Relat Climate to Prod

12F W ALLEN MS Prof Emeritus Physiol Post Harvest Fruits

12MURIEL V BRADLLY PhD Lect Pomol Morphol Cytol

12R S BRINGHURST PhD Prof Genet Small Fruit Brdg 2J R BUCHANAN BS Anal Chem Foliar and Soil Anal 12R M CASLSON PhD Lect Powel Fruit Tree Nutr

12P r CATLIN Pl.D Lect Physiol Growth and Devlpmt

12L L CLAYPOOL PhD Prof Physiol Post Harvest Fruit 12J C CRANE PhD Prof Plant Physiol Hormones Fig Prod

12L D DAVIS PhD LLD Prof Emeritus Pomol Plant Physiol Fruit Brdg

2L H DAY MS Emeritus Hort Rootstalk Problems 2A E GILMORE MA Plant Physiol Peaches 12% H GRIGGS PhD Prof Physiol Fruit Brdg

12P E HANSCHE PhD Asst Prof Genet Fruit Brdg

124H T HARTMANN PhD Prof Plant Physiol Propagation Olive Cult

12C O HESSE PhD Prof Genet Fruit Brdg

2A A HEWITT PhD Lect Orchard Cult
12D E KESTER PhD Assoc Prof Physiol Fruit Brdg and Genet 20MUND LILLELAND PhD Prof Emeritus Plant Physiol

Soil Studies

2G R MARTIN PhD Hort and Plant Physiol

Substances Irradiation

12E C MAXIE PhD Prof Biochem Post Harvest Fruit Problems lonizing Radiation

12E L PROEBSTING PhD Prof Emeritus Pomol Plant Physiol and Soils

12R J ROMANI PhD Lect Pomol Maturity Problems Irradiation Studies

12KAY RYUGO PhD Lect Pomol Cling Peaches Pears 124N F SOMMER PhD Lect Physiol Plant Growth

12KIYOTO URIU PhD Lect Physiol Mineral Nutr and Irrig of Deciduous Fruits

1100-1140 CALIFORNIA

Pomology-Continued

2VICTOR VOTH BS Hort Small Fruits

Poultry Husbandry 1110 12W O WILSON PhD Prof and Chmn of Dept Poultry Mat

Environ Physiol Neuro Endocrinol 124Mrs URSULA H ABBOTT PhD Prof Genet Avian

Devlomt Pop

12H J ABPLANALP PhD Prof Genet Brdg

12V S ASMUNDSON PhD LLD Prof Emeritus (Recalled) Genet

12R E BURGER PhD Prof Physiol Reprod

12C R GRAU PhD Prof Nutr Embryo 2E A JOHNSON MS Poultry Husb

124F H KRATZER PhD Prof Nutr Anim Metabolism

12E E KRIECKHAUS PhD Asst Prof Psychol of Anim Behavior

12F X OGASAWARA PhD Assoc Prof Physiol Reprod Mat

12D W PETERSON PhD Prof Nutr Poultry Prods Muscle Biochem

12P N VOHRA PhD Assoc Prof Nutr Poultry Prods 12B W WILSON PhD Assoc Prof Physiol Cell Physiol

### Soils and Plant Nutrition

12C C DELWICHE PhD Prof and Chmn of Dept Soil Sci and Biochem Keamey Foundation

12F E BROADBENT PhD Prof Soil Microbiol Introgen 12D G ALDRICH Jr PhD Chancellor Irvine Campus Prof Chem Fert and Mat

12E L BEGG BS Lect Soil Surv

Transformation

12A L BROWN PhD Lect Soil Chem Micronutrients

12R G BURAU PhD Asst Prof Soil Chem Colloids 2A B CARLTON MS Spec Peat Land Mgt and Conserv

12EMANUAL EPSTEIN PhD Prof Plant Physiol Translocation by Plants

12F F HARRADINE PhD Prof Soil Morphol Surv Correlation

2F W HERBERT BS Soil Morphol

12G L HUNTINGTON PhD Lect Soil Surv

23W E MARTIN PhD Soil Fert

12D N MUNNS PhD Lect Soil Sci Nitrogen Metabolism Halophytic Plant Metabolism

2D W RAINS PhD Plant Nutr Ion Uptake and Translocation

12H M REISENAUER PhD Lect Soil Sci in Kearney Foundation Soil Fert and Plant Nutr

12V V RENDIG PhD Prof Plant Physiol Soil Plant Interrelationship

2W J SHARRATT PhD Soil Fert

12P R STOUT PhD Prof Dir of Kearney Foundation of Soil Sci Soil Chem Plant Soil Interrelations

1130

12L D WHITTIG PhD Prof Soil Chem Soil Genesis

### Vegetable Crops

120 A LORENZ PhD Prof and Chmn of Dept Nutr 2J C BISHOP MS Veg Crops Plot Work 12G N DAVIS PhD Prof Oler Brda

2R M DAVIS Jr PhD Oler Physiol Res 12W J FLOCKER PhD Prof Oler Soil Compaction and Water Relat

2G C HANNA BS Oler Brdg

12J F HARRINGTON PhD Prof Oler Seed Prod

12F D HOWARD PhD Lect Oler Biochem of Growth and Devlomt

12J E KNOTT PhD DSc Prof Emeritus Plant Physiol

12J H MacGILLIVRAY PhD Prof Emeritus Oler Quality and Food Value Studies

12L L MORRIS PhD Prof Oler Post Harvest Physiol

12H K PRATT PhD Prof Plant Physiol Post Harvest 12LAWRENCE RAPPAPORT PhD Prof Oler Post Harvest Growth Regulators

12C M RICK Jr PhD Prof Genet Tomatoes Brda Crucifers

12P G SMITH PhD Prof Oler Brdg Taxon of Peppers 12A R SPURR PhD Assoc Prof Oler Histopath Studies

2HERMAN TIMM PhD Oler Potatoes

2J E WELCH PhD Oler Brdg

### Vegetable Crops-Continued

12MASATOCHI YAMAGUCHI PhD Lect Oler Physiol and Biochem Studies on Devlpmt

12F A YANG PhD Lect Biochem Post Harvest Res 2M B ZAHARA BS Veg Crops Time and Motion Studies 2F W ZINK Jr MS Veg Crops Growth Rates

### Veterinary Medicine

1140

ADMINISTRATION 124W R PRITCHARD DVM PhD JD Dean of Sch of Vet Med and Assoc Dir of Sta (916-752-1360)

1BLAINE McGOWAN Jr DVM Assoc Dean of Sch of Vet Med (916-752-1383)

12J R DOUGLAS PhD Assoc Dean of Sch of Vet Med (916-752-1360)

ANATOMY

12W S TYLER DVM PhD Prof and Anat and Chmn of Dept

1R D BARNES PhD Asst Prof and Asst Res Anat 1L J FAULKIN Jr PhD Asst Prof and Asst Anat

1B L HART DVM PhD Asst Prof and Asst Anat 1L M JULIAN DVM PhD Prof and Anat

12L Z McFARLAND DVM PhD Assoc Prof and Assoc Anat

1Mrs IDA G SCHMIDT PhD Senior Lect

### CLINICAL PATHOLOGY

120 W SCHALM DVM PhD Prof Vet and Chmn of Dept

12E J CARROLL PhD Lect and Assoc Spec

12N C JAIN DVM PhD Asst Prof 124D E JASPER DVM PhD Prof and Vet

12J J KANEKO DVM PhD Assoc Prof and Assoc Vet

### CLINICAL SCIENCES

12R M CELLO DVM Prof Vet Chinn of Dept and Dir of Vet Med Tchg Hosp Med and Ophthalmology

IJ C BARTLEY DVM PhD Assoc Prof

12J F CHRISTENSEN DVM PhD Prof Emeritus and Vet

1W S CRIPE DVM Visiting Res Vet

1M DROST DVM Asst Prof Reprod and Large Anim Sura

1A G EDWARD DVM Lect and Spec Lab Anim Dis IG O EWING DVM Asst Prof Gastrointestinal Dis

12M E FOWLER DVM Assoc Prof and Assoc Vet Large Anim Med and Toxicol

12J RGILLESPIE DVM PhD Assoc Prof and Assoc Vet Cardiopulmonary and Physiol

1B D GRANT DVM Assoc in Vet Med Equine Surg 12C A HJERPE DVM Assoc Prof and Assoc Vet Med

12T A HOLLIDAY DVM PhD Assoc Prof and Assoc Vet

12J A HOWARTH DVM PhD Assoc Prof and Assoc Vet Med Reprod and Enteric and Pseudorabies Viruses

12J P HUGHES DVM Prof and Vet Med and Equine

12J W KENDRICK DVM PhD Prof and Vet Med and Reprod 1R L LEIGHTON DVM Assoc Prof Med and Small Anim Sura

12BLAINE McGOWAN Jr DVM Prof and Vet Med and Ecol

1J P MORGAN DVM Acta Prof Clin Radiol

12E A RHODE Jr DVM Prof and Vet Med and Cardiol 1R D SCHECHTER DVM Asst Prof Small Anim Med

124B C TENNANT DVM Assoc Prof and Assoc Vet

Int Med and Gastroenterol

12G H THEILEN DVM Assoc Prof and Assoc Vet Sura and Clin and Expt Viral Oncology

1J D WHEAT DVM Prof and Vet Large Anim Surg

1R C WHITNEY DVM Lect in Vet Med Small Anim Sura 1ALIDA P WIND DVM Lect Small Anim Sura

# EPIDEMIOLOGY AND PREVENTIVE MEDICINE

1C W SCHWABE DVM ScD Prof Epidemiol and Chmn of Dept

12H E ADLER DVM PhD Prof and Vet

12R A BANKOWSKI DVM PhD Prof and Vet

12J B ENRIGHT PhD Prof and Microbiol
1C EFRANTI PhD Asst Prof and Asst Biostatis 1JOYCE E GOGGIN DVM MPH Asst Prof and Asst Epidemiol

IARAXIE KILEJIAN PhD Asst Prof and Asst Parasitol

### 1140-1250 CALIFORNIA Water Science and Engineering-Continued Veterinary Medicine- Continued 12R M HAGAN PhD Prof Coord Internatl Aar Prog and 12L G RAGGI DVM PhD Prof and Vet Assoc Dir Dry-Lands Res Inst Irria Water Soil 12H P RIEMANN DVM PhD Assoc Prof and Assoc Plant Relat Microbiol 12W E HART MS Lect Irrig Syst Design 12W W SADLER DVM MPH Prof and Vet 12D WHENDERSON PhD Prof Soil Sci Soil Mat under 12RICHARD YAMAMOTO PhD Assoc Prof and Assoc Irria 12T C HSIAO PhD Asst Prof Plant Soil Water Relat 12A W KNIGHT PhD Asst Prof Water Sci 12J N LUTHIN PhD Prof Soil Phys Drainage PATHOLOGY 12D R CORDY DVM PhD Prof Path and Chmn of Dept 2D I. MOTHAR BS (Retired) Assoc Exot Sta Irria 2D I. MOTGAN MS Asst Kes Hydromet 2R J MILLER PhD Irria Soil Fert Irria Mat 124D L DUNGWORTH PhD Assoc Prof and Assoc Path 12D H GRIBBLE DVM Lect 12P C KENNEDY DVM PhD Prof and Path 12J E MOULTON DVM PhD Prof and Path 12D R NIELSEN PhD Prof Soil Phys of Soil Moisture 12W O PRUITT Jr MS Lect Irrig Engin 1W P RICHARDS BVSc MVSc Asst Prof and Asst Path 12F E ROBINSON PhD Lect Irrig Water Mat 12T S STRELKOFF PhD Assoc Prof Civil Engin PHYSIOLOGICAL SCIENCES 1A L BLACK PhD Prof and Biochem and Chmn of Dept 12V W BURNS PhD Assoc Prof and Assoc Biophys Hydrodynamics 12F J VEIHMEYER PhD LLD Prof Emeritus Irria 1L K BUSTAD DVM PhD Prof Radiobiol and Dir of RadiobioI Lab 1160 1R A FREEDLAND PhD Assoc Prof and Assoc Biochem Zoology (Aqr) 1H T SPIETH PhD Prof and Chmn of Dept Ins Behavior 1S N GIRI PhD Lect Compar Pharmacol 1M F GUEST PhD Lect Physiol Especially Mating of Drosophila 1A A HEUSNER PhD Assoc Prof Physiol 1MILTON HILDEBRAND PhD Prof and Vice Chmn of 1L W HOLM PhD Prof and Physiol Dept Vertebrate Morphol 124H R PARKER DVM PhD Assoc Prof and Assoc 12W J HAMILTON PhD Assoc Prof Starling Control 12W M LONGHURST PhD Lect Zool Ecol Relat Wildlife Physiol 12S A PEOPLES MD Prof Compar Pharmacol to Agr 120 R ROGERS PhD Asst Prof and Biochem 1R E SMITH PhD Prof Physiol 25L H MILLER PhD LLD Prof Emeritus Biol Avian Paleontol 12M A MILLER PhD Prof Crustacea VETERINARY MICROBIOLOGY 12L E ROSENBERG PhD Prof Zool Protozool and 12J W OSEBOLD DVM PhD Prof Microbiol and Chmn of Histol Dept 12T I STORER PhD LLD Prof Emeritus Zool 12N F BAKER DVM PhD Prof and Parasitol 124E L BIBERSTEIN DVM PhD Prof and Microbiol 1170 Miscellaneous 1H SCAMERON DVM PhD Prof Emeritus and Microbiol 2JACK PANGBORN MA Spec Expt Sta (Electron 12J R DOUGLAS PhD Prof and Parasitol Microscope Lab) 12D G McKERCHER DVM PhD Prof and Virol IMARGARET E MEYER PhD Lect and Assoc Microbiol Los Angeles 90024 12CLYDE STORMONT PhD Prof and Serol 1175 12Y C ZEE DVM PhD Asst Prof and Asst Microbiol 12V T STOUTEMYER PhD Assoc Dir of Sta (PO Los Angeles Tel Area Code 213-272-8911 Ext 3383) Viticulture and Enology 1150 90024 12H W BERG MS Prof and Chmn of Dept Enol Color Extraction Agricultural Sciences 1180 2C J ALLEY PhD Vitic Disease-free Root Stock 12V T STOUTEMYER PhD Prof Ornam Hort and Chmn of 12M A AMERINE PhD Prof Enol Enol-controlled Dept Fermentation 12WALTER EBELING PhD Prof Ent 12J A COOK PhD Prof of Vitic Vitic Mineral Nutr 12J F GUYMON PhD Prof Enol Brandv Res 12W M KLIEWER PhD Lect Vitto Biochem Invest 12R E KUNKEE PhD Asst Prof Enol Biochem of 2R J PENCE Spec Expt Sta Ent 2R E WAGNER Assoc Spec Expt Sta Ent 12ARTHUR WALLACE PhD Prof Plant Nutr Microbiol Fermentation Riverside 92502 12L A LIDER PhD Assoc Prof Vitic Devlpmt of New Boot Stock 1W M DUGGER Jr PhD Dean of Col of Bio-Aar Sci 12K E NELSON PhD Prof Vitic Grape Storage (PO Riverside Tel Area Code 714-787-3101) 92502 12H POLMO PhD Prof Vitic New Varieties Brdg 12N T COLEMAN PhD Assoc Dean Col of Bio-Aur 2C S OUGH BS Eval of Wine Grapes Sci (714-787-3103) 12V L SINGLETON PhD Lect Enol Wine Aging 12B E DAY PhD Assoc Dir of Citrus Res Center and Sta (714-787-3106) 25MASAMI UOTO PhD Vitic Hort 12R J WEAVER PhD Prof Vitic Growth Regulators 12A D WEBB PhD Prof Enol Aroma and Flavor 1240 Agronomy Constituents 12C M McKELL PhD Prof and Chmn of Dept 12A J WINKLER PhD Prof Emeritus and Vitic 26A R BERG MS Assoc Expt Sta (Forest Serv) 2J M DODGE BS Assoc Expt Sta (Calif Forest) 12J R GOODIN PhD Asst Prof and Asst Aaron 1155 Water Science and Engineering 26L R GREEN MS Assoc Expt Sta (Forest Serv) 12V H SCOTT PhD Prof and Chmn of Dept Irria Engin 12B L JOHNSON PhD Prof and Genet Ground Water DevIpmt 26E A NORD PhD Assoc Expt Sta (Forest Serv) 12JAIME AMOROCHO PhD Prof Hydrolic Engin Surface 26M I SCHROEDER BEd Assoc Expt Sta (Weather Bur) 26C C WILSON MS Assoc Expt Sta (Weather Bur) 12D M YE RMANOS PhD Assoc Prof and Assoc Agron Water Hydrol 12J W BIGGAR PhD Assoc Prof Soil Phys Water Ouality 12R E YOUNG PhD Lect and Assoc Biochem 12R H BURGY MS Prof Civil Engin Hydrol and Water

Supply

Standards

2D W GRIMES PhD Irria Mat

12L D DONEEN PhD Prof Soil Chem Water Quality

19

1250

12V B YOUNGNER PhD Prof and Agron

12R T WEDDING PhD Prof and Chmn of Dept

Biochemistry

1250-1295 CALIFORNIA

Biochemistry-Continued		Extension Service (Agr)—Continued
12I L EAKS PhD Lect and Plant Physiol		3A D AULENBACHER MS 4-H Club Spec
12L C ERICKSON PhD Lect and Plant Physiol		3R M BOARDMAN BA Ext Inform Spec
12DAROLD HOLTEN PhD Asst Prof and Asst Bio	chem	3R L BRANSON PhD Ext Soils and Water Spec
12J B MUDD PhD Assoc Prof and Assoc Biochem		3A S DEAL PhD Ext Ent
124E A G NOLTMANN PhD Assoc Prof and Assoc Biochem		3J E DIBBLE PhD Ext Ent
12A W NORMAN PhD Assoc Prof and Assoc Bioch	em	3B C DOWNING MS 4-H Club Spec
12LAWRENCE ORDIN PhD Assoc Prof and Assoc	CIII	3W C FAIRBANK BS Ext Agr Engin 3TOKUJI FURUTA PhD Ext Omam Hort
Biochem		3W H ISOM PhD Ext Agron
12N G PON PhD Asst Prof and Asst Biochem		3HUNTER JOHNSON Jr MS Ext Veg Crops Spec
12B R REID PhD Asst Prof and Asst Biochem		3A H LANGE PhD Ext Weed Control Spec
12L M SHANNON PhD Prof and Plant Physiol 12F M TURRELL PhD Prof and Plant Physiol		3R M LITTLE PhD Ext Biomet
in totalize the trouder tall thysion		3A W MARSH PhD Ext Irrig and Soils Spec
Biological Control	1260	3C D McCARTY BA Ext Hort Technol 3K W OPITZ BS Ext Subtropical Hort
12IMHALL Jr PhD Prof and Chmn of Dept		3J V PATTERSON BS Asst State Dir
12B R BARTLETT PhD Lect and Ent		3A O PAULUS PhD Ext Plant Path
12E C BAY PhD Lect and Assoc Ent		3REPFOST MS Area Farm Adv
12P H DeBACH PhD Prof and Ent		3R G PLATT BS Ext Subtropical Hort
2T W FISHER PhD Spec Expt Sta (Biol Control)  12C A FLESCHNER PhD Prof and Ent		3Mrs MARIAN G PRENTISS MS Asst Prog Ldr Fam and
12R D GOEDEN PhD Lect and Asst Ent		Consum Sci
12DANIEL GONZALEZ PhD Lect and Asst Ent		3J D RADEWALD PhD Ext Plant Nematol 3J M RIBLE PhD Ext Technol
12E F LEGNER PhD Lect and Assoc Ent		3R C ROCK PhD Ext Econ
124J AMcMURTRY PhD Lect and Assoc Ent		3J P SCHROEDER BS Area Farm Adv
12E R OATMAN PhD Lect and Assoc Ent		3M H SWANSON PhD Ext Poultry Spec
12E L REEVES PhD Lect and Asst Ins Path		3K B TYLER PhD Ext Veg Crops Spec
25P V VAIL MS Assoc Expt Sta (Biol Control)		3W W WOOD Jr PhD Ext Econ
Biostatistics	1262	3E A YEARY BS Farm Adv-Statewide
1FLORENCE N DAVID PhD Prof and Chmn of De		
12M J GARBER PhD Prof and Biomet		Horticultural Science 1290
1J F HANNIGAN Jr MS Actq Asst Prof		12R K SOOST PhD Prof and Chmn of Dept
		2B O BERGH PhD Spec Expt Sta (Hort Sci)
Engineering (Agr)	1265	12W P BITTERS PhD Prof and Hort
12R L PERRY BS Prof and Vice Chmn of Dept		2B S BOSWELL BS Spec Expt Sta (Hort Sci)
(Davis and Riverside) 25G K BROWN MS Assoc Expt Sta		12J W CAMERON PhD Prof and Genet 12C W COGGINS Jr PhD Lect and Assoc Plant Physiol
25P F BUCKNER MS Assoc Expt Sta		12B E DAY PhD Prof and Plant Physiol
2R M PERKINS BS Assoc Spec Expt Sta		12T W EMBLETON PhD Lect and Hort
2D T SEAMOUNT MBA Assoc Spec Expt Sta		25J R FURR PhD Assoc Expt Sta (Hort Sci)
25W W WOLF MS Assoc Expt Sta		2H Z HIELD BA Spec Expt Sta (Hort Sci)
		12W W JONES PhD Prof and Hort
Entomology	1270	12L S JORDAN PhD Assoc Prof and Assoc Plant Physiol
12E I SCHLINGER PhD Prof and Chmn of Dept 12L D ANDERSON PhD Prof and Ent		12M R KAUFMANN PhD Lect and Asst Plant Physiol
2E L ATKINS Jr MS Spec Expt Sta (Ent)		12J D KIRKPATRICK PhD Lect and Assoc Hort
12M M BARNES PhD Prof and Ent		12C K LABANAUSKAS PhD Prof and Hort
12L R BROWN PhD Assoc Prof and Assoc Ent		2M P LAVALLEYE MS Assoc Spec Expt Sta (Hort Sci)
12G E CARMAN PhD Prof and Ent		2Mrs MARGARET M LESLEY PhD Assoc Expt Sta (Hort Sci)
25D L CHAMBERS PhD Assoc Expt Sta (Ent)		12L N LEWIS PhD Assoc Prof and Assoc Hort
12R C DICKSON PhD Prof and Ent 12WALTER EBELING PhD Prof and Ent		2P W MOORE BS Spec Expt Sta (Hort Sci)
2H S ELMER MS Spec Expt Sta (Ent)		12TOSHIO MURASHIGE PhD Assoc Prof and Assoc
12W H EWART PhD Prof and Ent		Plant Physiol
2J D FOULK PhD Asst Ent		2E M NAUER BS Assoc Spec Expt Sta (Hort Sci) 2R L PALMER MS Assoc Spec Expt Sta (Hort Sci)
12T R FUKUTO PhD Prof and Ent and Ins Toxicol		12WALTER REUTHER PhD Prof and Hort
12L K GASTON PhD Lect and Assoc Chem		12R W SCORA PhD Lect and Asst Bot
12G P GEORGHIOU PhD Assoc Prof and Assoc En 12F A GUNTHER PhD Prof of Ent and Chem	t	12R J SMITH PhD Prof and Agr Econ Farm Labor
25A F HOWLAND BS Assoc Expt Sta (Ent)		Studies Mech of Cultural Oper and Harvesting
12R N JEFFERSON PhD Prof and Ent		12W B STOREY PhD Prof and Hort
12L R JEPPSON PhD Lect and Ent		120 C TAYLOR PhD Lect and Hort
12D L LINDGREN PhD Lect and Ent		Life Sciences 1295
12R B MARCH PhD Prof and Ent 26H A MERRILL BS Res Assoc Expt Sta (USDI)		12E B EDNEY PhD Prof of Zool and Chmn of Dept
12M S MULLA PhD Assoc Prof and Assoc Ent		1W L BELSER Jr PhD Assoc Prof of Microbiol
2J C ORTEGA BS Spec Expt Sta (Ent)		1C R BOVELL PhD Assoc Prof of Microbiol
12H T REYNOLDS PhD Prof and Ent		1L H CARPELAN PhD Assoc Prof of Biol
12L A RIEHL PhD Prof and Ent		1EH COTA-ROBLES PhD Assoc Prof of Microbiol 1W M DUGGER Jr PhD Prof of Bot
25L G SHAW MA Assoc Expt Sta (Ent)		1R D FARLEY PhD Asst Prof of Zool
12H H SHOREY PhD Assoc Prof and Assoc Ent 12V M STERN PhD Assoc Prof and Assoc Ent		1R W GILL PhD Asst Prof of Biol
12R G STRONG PhD Lect and Assoc Ent		12G W GILLETT PhD Prof and Bot
25HARUO TASHIRO PhD Assoc Expt Sta (Ent)		1V H GOODMAN PhD Assoc Prof of Bot
2W E WESTLAKE PhD Res Chem (Ent)		1W W MAYHEW PhD Assoc Prof of Zool
F		1RL MORETTI PhD Asst Prof of Biol 1I M NEWELL PhD Prof of Zool
Extension Service (Agr) 3H W SCHWALM BS Asst State Dir	1280	1D R PARKER PhD Prof of Biol
The second of th		

1295-1366

CALIF	ORNIA 1273-1388
Life Sciences - Continued  1E C PAULING PhD Asst Prof of Biol  1E T PENGFLLEY PhD Assoc Prof of Biol  1TIMOTHY PROUT PhD Prof of Zool  1ROCOLFO RUIBAL 2.35 Prof of Tool  11 W SHERMAN PhD Assoc Prof of Zool  1V H SHOEMAKER PhD Asst Prof of Zool  1B R STRAIN PhD Asst Prof of Bot  1W W THOMSON PhD Assoc Prof of Biol  12I P TING PhD Assoc Prof of Biol  12I P TING PhD Assoc Prof of Biol	Vegetable Crops  12L F LIPPERT PhD Assoc Prof and Acta Chmn 12W L BERRY PhD Lect and Asst Plant Physiol 12G H CANNELL PhD Prof and Soil Phys 12JUNJI KUMOMOTO PhD Lect and Assoc Chem 12J M LYONS PhD Assoc Prof and Assoc Plant Physiol 20 D McCOY BS Assoc Spec Expt Sta (Veg Crops) 12O E SMITH PhD Lect and Asst Plant Physiol 2F H TAKATORI BS Assoc Spec Expt Sta (Veg Crops)
Plant Presiol  1F C VASEK PhD Prof of Bot	Miscellaneous 1340
Nematology 1300	12M J GARBER PhD Prof and Biomet (Biomet Lab and Dir Computer Center)
12LJ THOMASON PhD Prof and Chmn of Dept	,
12R C BAINES PhD Lect and Nematol 12C E CASTRO PhD Assoc Prof and Assoc Chem 12PEINFOLD MANKAU PhD Lect and Assoc Ner atol 2Mrs SAROJAM K MANKAU PhD Assoc Expt Sta (Nematol) 12S A SHER PhD Prof and Nematol 12S D VAN GUNDY PhD Prof and Nematol	Field Stations  Agricultural Field Stations (PO Davis)  2J L MYLER MS Spec Expt Sta and Dir  2E P SPECK BS Spec Expt Sta and Assoc Dir  2K E GREENE MBA Spec and Engin  Deciduous Fruit (PO San Jose)  2A M AMSTUTZ Prin Supt of Cult Expt Sta and Supt  Hopland (PO Hopland)  2A M MIDEBLY BS Spec Expt Sta and Supt
12G A ZENTMYER PhD Prof and Chmn of Dept 12J G BALD PhD Prof and Plant Path 12SALOMON BARTNICKI-GARCIA PhD Assoc Prof and Assoc Microbiol 12E C CALAVAN PhD Prof and Plant Path 25J B CARPENTER PhD Assoc Exot Sta (Plant Path) 12E F DARLEY PhD Lect and Plant Path 12P R DESJARDINS PhD Assoc Prof and Assoc Plant	2A H MURPHY BS Spec Expt Sta and Supt Imperial Valley (PO El Centro) 2G F WORKER Jr MS Spec Expt Sta and Supt Kearney Horticultural (PO Reedley) 2F R CODDINGTON BS Assoc Spec Expt Sta and Supt Lindcove (PO Exeter) 2R D COPELAND MS Assoc Spec Expt Sta and Supt Sierra Foothill Range (PO Browns Valley)
Path 2T A DeWOLFE MS Spec Expt Sta (Plant Path) 12J W ECKERT PhD Assoc Prof and Assoc Plant Path 12R M ENDO PhD Assoc Prof and Assoc Plant Path. 12D C ERWIN PhD Prof and Plant Path 25L S JONES BS Assoc Expt Sta (Plant Path) 12N T KEEN MS Acta Asst Prof and Acta Asst Plant Path.	2J P GUILD BS Assoc Spec Expt Sta and Supt South Coast (PO Santa Ana) 2D F MILLEN Spec Expt Sta and Supt Tulelake (PO Tulelake) 2Y P PURI PhD Assoc Spec Expt Sta and Supt West Side (PO Five Points) 2R M HOOVER MS Spec Expt Sta and Supt 2B J HOYLE MS Spec Expt Sta
12M J KOLBEZEN PhD Lect and Chem 2P R MILLEH PhD Assoc Fixet Sta (Forest Serv) 12D E MINNECKT PhD Prof and Plant Path 25E O OLSON PhD Assoc Expt Sta (Plant Path) 12HENRY SCHNEIDER PhD Lect and Plant Path 12J S SEMANCIK PhD Lect and Asst Plant Path 12J S SMS PhD Lect and Asst Chen. 12P H TSAO PhD Assoc Prof and Assoc Plant Path 2Mrs PAMELA W TSAO MS Assoc Expt Sta (Plant Path) 12J M WALLACE PhD Prof and Plant Path 12L G WEATHERS PhD Prof and Plant Path	Departmental Field Stations Deciduous Fruit (PO Winters) Dept of Pomol (Davis) Grape (PO Napa) Dept of Vitic and Enol Davis Rice (PO Biags) Dept of Agron Davis
25N S WILSON MS Assoc Expt Sta (Plant Fath)	Humboldt State College, Arcata 95521 1College Staff
1320   12P F PRATT PhD	1360  1C H SIEMENS PhD Pres of College (707-822-1771)  1C D HURD PhD Vice Pres of Academic Affairs (707-822-1771)  1W F MURISON PhD Dean of Extended Serv (707-822-1771)
25STERLING DAVIS MS Assoc Expt Sta (Soils and	
Plant Nutr)  2F M EATON PhD Assoc Expt Sta (Soils and Plant Nutr)  2W J FARMER PhD Asst Chem  2R B HARDING PhD Assoc Chem  12JOHN LETEY Jr PhD Prof and Soil Phys  2G F LIEBIG Jr BA Assoc Spec Expt Sta (Soils and	Forest Management  1E W PIERSON MF  1P G ANNAND MF  1R W BECKING PhD  1JACK HANSEN MF  1R A KUEHNER MF  1G L PARTAIN BS  Prof For Mat and Chmn of For Dept  Asst Prof For Engin  Prof For Mensuration  Asst Prof For Mat  Prof For

Plant Nutr)

Nutr)

Nutr)

25R E LUEBS PhD Assoc Expt Sta (Soils and Plant

121 J OERTLI PhD Assoc Prof and Assoc Chem

12A L PAGE PhD Assoc Prof and Assoc Chem

12S J RICHARDS PhD Prof and Soil Phys

25WF SPENCER PhD Assoc Expt Sta (Soils and Plant

12ARTHUR WALLACE PFD Prof and Plant Physiol 12E F WALLIHAN PhD Assoc Prof and Assoc Chem

12L H STOLZY PhD Prof and Soil Phys

1G L PARTAIN BS Prof For Econ 1D A THORNBURGH PhD Asst Prof Silvic

Game Management 1366 1R E GENELLY PhD Prof Game Mat and Chmn Div of Natural Resources 1S W HARRIS PhD Assoc Prof Game Mgt and Coord of Game Mat

1A S MOSSMAN PhD Asst Prof Game Mgt

Natural Resources

1M B RHEA PhD Prof Soils

# 1368

Agronomy-Continued 12J R WELSH PhD Assoc Prof Crop Brdg Hybridization Wheat Genet

5C J WHITFIELD PhD Soil Sci Soil-Water-Plant Residue Interrelations

12D R WOOD PhD Prof Crop Brdg Hybridization Cytogenet

12V E YOUNGMAN PhD Assoc Prof Field Crops

### COLORADO

The Colleges of Agriculture, Engineering, Forestry and Natural Resources, Home Economics, Humanities and Social Sciences, Natural Sciences, Veterinary Medicine and Biomedical Sciences, the Agricultural Experiment Station, and the Cooperative Extension Service of Colorado State University, Fort Collins 80521

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc

1370

123W E MORGAN MS LLD Pres (303-491-6211) 1A R CHAMBERLAIN PhD Exec Vice Pres and Treas of State Board of Aar (303-491-6212)

1.J S AHMANN PnD Academic Vice Pres (303-491-6614) 1M A BINKLEY PhD Vice Pres for Finance (303-

491-5258) 12RUE JENSEN DVM. PhD VScD Vice Pres for Res and

Dir of Sta (303-491-5373) 1B W MARSCHNER PhD Vice Pres for Univ Affairs

(303-491-5313) 13L H WATTS MS Dir for Ext and Univ Servs and Dir of Coop Ext Serv (303-491-6281)

12D FHERVEY PhD Assoc Dir of Sta and Prof Range Sci (303-491-5371)

12E J F EARLY MEd Asst to Dir of Sta (303-491-5371)
26 W HAMILTON BS Admin Asst to Dir of Sta

AGRICULTURE, COLLEGE OF 1375

12D D JOHNSON PhD Dean and Prof of Soil Microbiol (303-491-6274)

12W D FRONK PhD Acta Assoc Dean and Prof and Head of Dept of Ent (303-491-5008)

1380 Agronomy

12R S WHITNEY PhD Prof and Head of Dept Soil Chem

3W S BALL MS Regional Ext Agron Field Crops

12K G BRENGLE PhD Assoc Prof Fert Mat 5D F CHAMPION MS Soil Sai

5A J CLINE BS Soil Sci Soil Genesis Classif and Mapping

5C V COLE PhD Soil Sci Soil Chem

12R E DANIEL SON PhD Prof Soil Phys 12A D DOTZENKO PhD Prof Crop Mat

12K G DOXTADER PhD Asst Prof Soil Microbiol

3J W ECHOLS MS Ext Agron Seed Certif

23R H FOLLETT MS Junior Agron (Soils) and Ext Agron (Soil Test) Soil Fert and Chem

12W T FRANKLIN MS Soil Chem (Salinity)

12T E HAUS PhD Prof Crop Brdg Hybridization Small Grains

5R J HECKER PhD Genet

23R D HEIL MS Asst Agron (Soils) and Ext Soils Spec Soil Fert and Chem

5EDWIN JAMES PhD Head of Natl Seed Storage Lab Seeds

1245W D KEMPER PhD Prof and Soil Sci Soil Phys 125NOAM LAHAV PhD Visiting Assoc Prof and Soil Sci Soil Phys

12W L LINDSAY PhD Prof Soil Chem Micronutrients

5S R OLSEN PhD Soil Sci Soil Chem

12R L PHIPPS MS Instr Soils

12D L REEVES MS Instr Field Crops

12J O REUSS PhD Assoc Prof Soil Chem

12D W ROBERTSON PhD Prof Crop Brdg Hybridization Barley Genet

12D S ROMINE MS Assoc Prof Soil Genesis Classif and Surveying

12S D ROMSDAL MS Asst Prof Soil Fert Micronutrients

12W R SCHMEHL PhD Prof Soil Fert Chem 3W G STEWART BS Ext Agron Field Crops Gen Agron

5C E TOWNSEND PhD Genet Plant Genet Clover

5F S WATANABE MS Soil Sci Soil Chem

Animal Science 123J W OXLEY PhD Prof and Head of Dept

1T R BLACKBURN MS Assoc Prof Swine

12J S BRINKS PhD Assoc Prof Brdg and Genet

4D D BULLIS PhD Asst Prof Dairy Husb 12D A CRAMER PhD Prof Meats

3W R CULBERTSON BS Asst Ext Anim Husb

12A L ESPLIN PhD Prof Sheep

3S J HASLEM BS Ext Sheep and Wool Spec

123M W HEENEY PhD Asst Anim Nutr and Ext Livestock Spec

12J E JOHNSON PhD Asst Prof Radiobiol

3D C JORDAN MS Ext Dairyman

12K L KNOX PhD Assoc Prof Anim Nutr and Physiol 12ARVIN LOVAAS Instr Radiol

123J K MATSUSHIMA PhD Prof and Anim Nutr and Ext Livestock Spec

12E K McKELLAR MS Assoc Prof Dairy Husb 3P S PATTENGALE MS Ext Anim Husb

12J B PRUETT MS Instr Meats
4G E SCOTT MS Ext Sheep and Wool Spec

124W E SNYDER PhD Assoc Prof Dairy Mfa 4H H STONAKER PhD Prof Anim Brda

12C D STORY PhD Prof Beef Cattle

12T M SUTHERLAND PhD Prof Anim Genet

12V B SWANSON PhD Assoc Prof Sheep and Wool

12G M WARD PhD Prof Anim Nutr 12L E WASHBURN PhD Prof Anim Nutr

12D W WILSON PhD Asst Anim Sci Radiol 12J N WILTBANK PhD Assoc Prof Beef Brda and

Poultry Science 12R E MORENG PhD Prof and Head of Dept

23L G ARENDS MS Junior Poultry Sci and Ext Poultryman

12J S AVENS BS Instr

234H L ENOS MS Asst Poul Sci and Ext Poultryman

12E W KIENHOLZ PhD Assoc Prof

12B F MILLER PhD Assoc Prof 12H D MULLER PhD Asst Prof

12Mrs CHERYL F NOCKELS PhD Asst Prof

23J V SHUTZE PhD Assoc Poul Sci and Ext Poultryman

ENGINEERING. COLLEGE OF 1L V BALDWIN PhD Dean and Prof of Civ Enain

1410

1400

1390

(303-491-6603) 121) B SIMONS PhD Assoc Dean Engin Res and Prof

of Civ Engin (303-491-8655)

AGRICULTURAL ENGINEERING

12N A EVANS PhD Prof and Head of Dept 123R D BARMINGTON BS Assoc Agr Engin Mech

12A T COREY PhD Prof Ground Water and Hydrol

12BERNARD DeROOCK MS Junior Agr Engin Ground Water and Hydrol

123R W HANSEN MS Assoc Prof Crop Storage and Structure

2D F HEERMAN MS Instr Irria and Drain 3D E KONARD MS Area Ext Irria Enain

123D L MILES MS Asst Prof Irria

12A G STORY PhD Asst Prof Power Mach and Proc

ATMOSPHERIC SCIENCE

1HERBERT RIEHL PhD Prof and Head of Dept Dynamics at Motion

4FERDINAND BAER PhD Assoc Prof Dynamics of Atmosphere and Number Anal and Prediction

1M L CORRIN PhD Prof Air Pollution

12L O GRANT MS Assoc Prof Phys Met 1W M GRAY PhD Assoc Prof Tropical Met

COLORADO 1410-1435

Engineering, College of-Continued

IW F. MARLATT PhD Assoc Prof Sci Climatol 12J L RASMUSSEN MS Asst Prof Water Resources 1D B RAO PhD Asst Prof Dynamic Met 1E R REITER PhD Prof Gen Circulation Turbulence and Let Stream

1P C SINCLAIR PhD Asst Prof Phys Met

CIVIL ENGINEERING

1J W N FEAD PhD Prof and Head of Dept Structures IM L ALBERTSON PhD Prof Water Resources Engin 1A H BARNES PhD Assoc Prof Hydrol 1J M BELL PhD Assoc Prof Soil Mech 14M E BENDER MCE Prof and Dean SEATO Grad Sch of Engin Admin

12E A BREITENBACH PhD Assoc Prof Ground Water 1JOCELYN BREWER MA Res Assoc Hydraulics 1J E CERMAK PhD Prof Mech Fluid Dynamics IGIAMPAOLO DI SILVIO PhD Asst Prof Hydrol 1C L FINN MS Asst Civ Engin Instrand Control 1J A GARRISON MSB Asst Civ Engin Fluid Mech 12JOHANNES GESSLER PhD Asst Prof Hydraulics 1J R GOODMAN MS Asst Prof Structures 1R W HAYMAN MCE Asst Prof Structures 12M E HOLLAND PhD Asst Prof Hydrol 12H J HOLOSEUS PhD Prof Hydraulics 12SUSUMU KARAKI PhD Prof Hydraulics 1G O LOF ScD Prof Water Resources Engin

124R A LONGENBAUGH MS Asst Prof Ground Water 1K-G MEDEARIS PhD Prof Compar Sci 12A G MERCER PhD Assoc Prof Hydraulics 1R N MERONEY PhD Asst Prof Fluid Dynamics 1H J MOREL-SEYTOUX PhD Assoc Prof Hydrol and

Ground Water

14J H NATH PnD Assoc Prof Hydraulics 1E C NICKERSON PhD Asst Prof Fluid Mech 1Mrs LOIS J NEMANN MS Res Asst Hydraulics 1MAXWELL PARSHALL BS Assoc Prof Water Supply 1E J PLATE PhD Prof Fluid Mech 12E V RICHARDSON Ph.) Assoc Prof Hydraulies

1W Z SADEH PhD Asst Prof Fluid Mech 1V A SANDBORN MS Prof Mech Fluid Dynamics 1H SCHWEIZER MS Assoc Prof Mech 12H W SHEN PhD Prof Hydraulics

12M M SKINNER MS Asst Prof Ground Water 124G L SUITH MS Assoc Prof Hydrol

12D K SUNADA PhD Asst Prof Ground Water
1C W THOMAS MS Prof Water Resources 1E G THOMPSON PLD Assoc Prof Soil Mech 1PFTAh TODOROVIC PhD Assoc Prof Hydrol 12J P TULLIS PnD Asst Prof Hydraulics 1M D VANDERBILT PhD Assoc Prof Structures

123J C WARD PhD Assoc Prof Water Pollution 12VUJICA YEVJEVICH PhD Prof Hydrol

Entomology

12W D FRONK PhD Prof and Head of Dept Econ Ent 12J W BREWER PhD Asst Prof Hort Ins 6(HEW) D B FRANCY PhD Faculty Affil Med Ent 3W M HANTSBARGER MS Ext Ent 6(HEW) F. C. HARMSTON MS Faculty Affil Med Ent. 6(HEW) R O HAYES PnD Faculty Affil Med Ent 12L E JENKINS MS Asst Prof Econ Ent 12R E JOHNSEN PhD Asst Prof Taxon 12A S KAMAL PhD Assoc Prof Ins Physiol 5W F McCAMBRIDGE BS Faculty Affil For Ent 6(HEW) L J OGDEN MS Faculty Affil Med Ent 5J M SCHMID PhD Faculty Affil For Ent 12R G SIMPSON PhD Assoc Prof Econ Ent 2R I STARR MS Junior Chem
12T O THATCHER PhD Prof For Ins Ecol
5N D WYGANT PhD Faculty Affil For Ent

Extension Administration

13L H WATTS MS Dir (303-491-6281) 3S A BICE MEd Assoc Dir

13C J HOFFMAN PhD Assoc Dir Continuing Educ 3R P BRADY MEd Staff Asst

3R E BROOKS BS Asst State 4-H Club Ldr

Extension Administration-Continued

3D K CHADWICK MEd Dist Aut Job Counseling and Guidance 13D O CLEGG Public Wit Flag and Res

31 H DOYLE ME.: Dist Act Job Counseling and Guidance

3M L ECKARD MEd Staff Training Off 3J R GRACE BS Exec Asst

3C W HERZMAN MEd Am Frog Ldr

3F B KAEHLER MS Asst State 4-H Club Ldr

3W L KUHN BS Fiscal Asst

3G T MICKLE BS Dist Agt Job Counseling and Guidance

3Mrs MADELINE E MOOS MBA Home Econ Coord 3C E NELSON MEd Dist Agt Job Counseling and Guidance

3AUDREY M SANDSTEAD MEd Asst State 4-H Club Ldr

3C G STAVER MEd State 4-H Club Ldr

Forestry and Natural Resources, College of

12C H WASSER MS MF Dean and Prof Range Sci (303-491-6675)

12R E DILS PhD Assoc Dean Res and Prof Watershed Mgt (303-491-6591)

1435

1L E LANE BS Instr

1C L MAHONEY PhD Assoc Prof

FISHERY AND WILDLIFE BIOLOGY

1234G A SWANSON PhD Prof and Head of Dept 1D L CILBERT PhD Prof Wildlife Biol and Acta Head 7R J BEHNKE PLD Asst Prof Pishery Biol 1ALEX CRINGAN PnD Visiting Prof Wildlife 1W H EVERHARD PhD Prof Fishery Biol **7**F A GLOVER PhD Prof Wildlife Biol 1H K HAGEN PhD Assoc Prof Fishery Biol 1DALE HEIN PhD Asst Prof Wildlife Birl 12/ULIUS NACY PhD Asst Prof Wildlife Biol 1GEORGE POST PhD Assoc Prof Fishery Biol 1R A RYDER PhD Prof Wildlife Biol 13D R SMITH MS - Asst Prof Wildlife Biol

124H W STEINHOFF PhD Prof Wildlife Biol 7R E VINCENT PhD Assoc Prof Fishery Biol

FOREST AND WOOD SCIENCES

12F F WANGAARD PhD Prof and Head of Dept 12C W BARNEY DF Prof Silvic 12JOZSEF BODIG PhD Assoc Prof Wood Sci and Technol 3T B BORDEN MS State For 1D L CREWS PhD Assoc Prof Wood Sci and Technol 12G H FECHNER PhD Prof For Genet

1W :. FRAYER PnD Asst Prof For Mensuration

124E W MOGREN PnD Prof For Mgt

1H A SCHROEDER PhD Assoc Prof Wood Chem 12H E TROXELL DF Prof Wood Sci and Technol

PANGE SCIENCE

1420

1430

123C W COOK PhD Prof and Head of Dept 12A C EVERSON PhD Assoc Prot Range Sci

12R M HANSEN PhD Prof Range Biol
1D A JAMESON PhD Assoc Prof Range Sci

3R J KOTICH MS Ext Conserv

12W H MOIR PhD Asst Prof Range Sci 12CHARLES TERWILLIGER Jr PhD Prof Range Sci

12G M VAN DYNE PnD Prof Biol

RECREATION AND WATERSHED RESOURCES

12A T WILCOX PhD Prof and Head of Dept 3S G CASE MS Community Devlomt Spec

5B C GOODELL PhD Res Prof Watershed Mat 1R B HELD PnD Prof Outdoor Recreation

12J R MEIMAN PhD Assoc Prof Watersned Mgt 1DWAYNE MILLER MS Instr Outdoor Recreation 1L. D MILLER PhD Asst Prof Watershed Mgt

12W D STRIFFLER PhD Asst Prof Watershed Mgt 1H L TELLER PhD Assoc Prof Watershed Mgt

**COLORADO** 1440-1500

Home Economics, College of 12Mrs ELIZABETH D GIFFORD PhD Dean and Prof of

Home Econ (303-491-6331) INANCY A HOUDICK PhD Assoc Dean and Assoc Prof of Home Econ

CONSUMER SCIENCES AND HOUSING

12AVIS M WOOLRICH MS Prof and Head of Dept 1Mrs MILDRED G ARNOLD BS Assoc Prof of Household

1Mrs MAY COMBS MS Assoc Prof of Fam Econ 1Mrs MARGARET 5 HAZALEUS BS Instr Gen Home Econ

1Mrs CAROL J MAKELA MHE Instr Home Mgt 3Mrs MILDRED S MASTERSON MExtEd Health and Safety Spec

3ALICE M MORROW MS Home Mgt Spec 3Mrs MARY G SHAFFER MHE Home Furn Spec 1Mrs MARGARET J WOLF MS Instr Home Mat

FOOD SCIENCE AND NUTRITION

12FERNE BOWMAN PhD Prof and Head of Dept 16GERTRUDE BLAKER PhD Assoc Prof Food Sci and

1Mrs ELAINE C CHARMAN MS Asst Prof of Food Sci and Nutr

126JACQUELINE DUPONT PhD Asst Prof of Food Sci and Nutr

12BARBARA E GREUNE PhD Instr Food Sci and Nutr 12Mrs INEZ K HARRILL PhD Assoc Prof of Food Sci and Nutr

1Mrs MARILYN J HUMMER MS - Instr Food Sci and Nutr 1ANNE M KYLEN MS - Asst Prof of Food Sci and Nutr IVIRGINIA A LEE PnD Asst Prof of Food Sci and

1Mrs DORIS ? TRUMP MS Asst Prof of Food Sci and Nutr

TEXTILES AND CLOTHING

12Mrs MARGARET BAER MS Asst Prof of Text and Cloth 1JANET J ELSE MS Asst Prof of Text and Cloth 1Mrs FRANCES M JOHNSON MS Asst Prof of Text and Cloth

1MARY S MARKS MS Instr Text and Cloth 1Mrs CAROL G PRENTISS MHE (SS 1968) Instr Text and Cloth

INADINE F THOMPSON MExtEd Cloth Spec

IMTS LAURA A VANCE MS Asst Prof of Text and Cloth
IMTS WINIFRED WILLIAMS MA Assoc Prof of Text and Cloth

1Mrs KATHARINE F WILSON MS Instr Text and Cloth 1Mrs PATRICIA J WILSON MS Asst Prof of Text and

1450 Horticulture

12K M BRINK PhD Prof and Head of Dept

12C W BASHAM PhD Assoc Prof Veg Crops 12D W DENNA PhD Assoc Prof Veg Crops

3C M DRAGE BS Ext Hort 23J E ELLS PhD Assoc Hort and Ext Proc Crops Spec Veg Crops

3J R FEUCHT PhD Area Fxt Hort

12K L GOLDSBERRY MS Asst Prof Flor

12J J HANAN PhD Assoc Prof Flor 12W D HOLLEY MS Prof Flor

1C J JORGENSEN MS Assoc Prof Fruits 3K W KNUTSON PhD Ext Potato Spec

12W G MACKSAM MS Assoc Prof Ornam Hort 1F L S O'ROURKE MS Assoc Prof Ornam Hort

6(ARS) B M POLLOCK PhD Faculty Affil Seed Physiol 6(ARS) E E ROOS PhD Faculty Affl Biochem

12MILTON WORKMAN PhD Prof Post Harvest Phys

Humonities and Social Sciences, College of

10 M OGDEN Jr PhD Dean and Prof of Humanities and Soc Sci Pol Sci (303-491-6862)

1460

1R C NELSON PhD Assoc Dean and Prof of Humanities and Soc Sci Speech Arts (303-491-6862)

Humanities and Social Sciences, College of-Continued

1H A SMITH PhD Assoc Dean for Teachers and Prof Dept of Educ (303-491-5305)

ECONOMICS

1440

1E K SMITH PhD Prof Econ Theory and Chmn of Dept

1R C BARTH PhD Asst Prof Econometrics

1H H BIGGS MA Asst Prof Econ Devlpmt

12C R CREEK MSA Assoc Prof Agr Econ

3H E CRIM MS Farm Mktg Spec

1R L DARCY PhD Prof Econ Educ

1L S FAN PhD Assoc Prof Econ Theory 3H P GRONEWOLLER MEd Farm Mktg Spec Agr Econ

14L M HARTMAN PhD Prof Econ Theory

1H J HUDEK PhD Assoc Prof Managerial Econ

3Mrs LETTA W JASPER MS Consum Mktg Spec Agr Econ

14N E LANDGREN PhD Assoc Prof Agr Econ

12J H LEWIS PhD Prof Agr Econ

12A G MADSEN PhD Assoc Prof Agr Econ 1Mrs ELISA BNASH MA Instr Econ Syst

1K C NOBE PhD Assoc Prof Natural Resource Econ 3S K OAKLEAF BS Community Serv Spec Econ Devlpmt

1TERUTOMO OZAWA PhD Asst Prof Internatl Econ

1R D PETERSON PhD Assoc Prof Econ Theory 1R D REHNBERG PhD Prof Agr Econ

12D D ROHDY PhD Assoc Prof Regional Econ 12M D SKOLD PhD Assoc Prof Agr Econ 3W P SPENCER MS Wheat Mktg Spec Agr Econ 12M D VAUGHN PhD Asst Prof Econ Theory 12B G WALSH PhD Prof Natural Resource Econ

1G C WILKEN PhD Assoc Prot Geog

3J H WINN MS - Mktq Coon Agr Eleon 12R A WYKSTRA PhD - Assoc Prof Labor and Manpower

SOCIOLOGY-ANTHROPOLOGY

1B L ELLENBOGEN PhD Prof Social of Devlpmt and Chmn of Dept

1MANUEL ALERS-MONTAL VO PhD Prof Sociol of Devlpmt

1C W BIRKY MA Assoc Prof Econ Theory

3Mrs COLEEN T BROWN BS Urban Ext Spec (Youth) 1Mrs CATHERINE R CLARK MS Asst Prof Social Welfare

1R W COBERLY PhD Asst Prof Social Organ

1D E CRIM BA Instr Ethnography

IG C DILDINE PhD Prof Human Devlpmt

1C E FRANK PhD Asst Prof Econ Theory

1D M FREEMAN PhD Instr Internatl Relat 3D M HILLEMAN MS Commun Spec

17L L HODGDON PhD Prof Devlpmt 1W J JUDGE BA Asst Prof Anthropol Theory

1ESTHER J PRESSEL MA Asst Prof Psychol Anthropol

16J J RAND MA MSW Asst Prof Social Work 1STANLEY RHINF MA Asst Prof Phys Anthropol 1JOSEPH SARDO PhD Asst Prof Devlpmt

12E F SHARP PhD Prof Stratification

1R J THEODORATUS PhD Assoc Prof World Ethnography

1E C VLACHOS PhD Asst Prof Econ Methods 1W W WINNIE Jr PhD Prof Devlpmt

1T R YOUNG PhD Assoc Prof Econ Theory

1500

Information and Public Services, Office of

1J D MONAHAN BA Dir (303-491-6432)

23R F. REES BS Assoc Dir

1J G BOLICK BA Assoc Ed

23D J DALLAS Jr BS Radio-TV Spec

1H B HOFF BA Radio-TV Ed

23Mrs MARCIA A SCHEKEL BA Asst Ed

1D D SMELSER BA Sports Inform Dir 3L E STEPHENSON MEd Ext Ed

7R B STEPHENSON Jr BA Sci Ed 23LINDA J WINKLEMAN MS Consum Sci Ed

COLORADO 1510-1540

1510 Natural Sciences, College of-Continued Natural Sciences, College of 1J D VAUGHN PhD Assoc Prof Chem Reactivity
1C G WARREN PhD Assoc Prof Inorganic Synthesis 1W B COOK PhD Dean and Prof of Natural Sci Chem (303-491-6862) 1K W WATKINS PhD Asst Prof Gas Phase Kinetics 1J P JORDAN PhD Assoc Dean and Prof for Res Biochem (303-491-6862) 12P A WHITAKER MA Instr Amino Acid Anal BIOCHEMISTRY MATHEMATICS AND STATISTICS

1M L. MADISON MS Prof Foundations and Head of Dept 1P G SQUIRE PhD Assoc Prof and Chmn 1PARVIZ AZARI PhD Assoc Prof Biochem

12L W CHARKEY PhD Prof Biochem 1E L ALLGOWER PhD Asst Prof Anal 1G M ANGLETON PhD Assoc Prof Biomet 12ADELINE K KANO BA Asst Prof Biochem 1SIVARSAMA KRISHNAN PhD Asst Prof Biochem 1T J BOARDMAN PhD Asst Prof Statis 1D C BOES PhD Asst Prof Statis 12D C BOWDEN PhD Asst Prof Statis
1W E BRUMLEY PhD Asst Prof Anal 16R P MARTIN PhD Prof Biochem 1T N SOLIE PhD Asst Prof Biochem 1RP TENGERDY PhD Assoc Prof Biochem 1W C BUTLER MA Assoc Prof Teacher Educ 1AT TU PnD Assoc Prof Biochem 1M D CADY MA Instr Complex Variables 1F M CARPENTLR MA Assoc Prof Algebra 1D J CLOW PhD Asst Prof Biomath 1R B CULVERMS Instr Astronomy BOTANY AND PLANT PATHOLOGY 1R T WARD PhD Prof Plant Ecol and Chmn of Dept 1E R DEAL PnD Assoc Prof Functional Anal 12JACK ALTMAN PhD Assoc Prof Plant Path
1H T ANDREWS PhD Asst Prof Phycol 1F R DeMCYCR PhD Asst Prof Algebra 1ABFAHNELL PhD Prof Numerical Anal 1H H FRISINGER EdD Asst Prof Teacher Educ 124R R BAKER PhD Prof Plant Path 5L N BASS PhD Faculty Affil Plant Physiol 1R = GAINES PhD: Asst Prof Ordinary Differential 13BERT BOHMONT MS Agr Chem Spec 13LESTER DICKENS PhD | Lixt Plant Patn Equations 1F A GRAYBILL PhD Prof Statis 1R L DIX PhD Prof Plant Ecol 1D W HARDY PhD Asst Prof Algebra 12J L FULTS PhD Prof Weed Sci 1Mrs LEOTA C HAYWARD MA Assoc Prof Math Educ 5J O GASKILL PhD Faculty Affil Plant Path 1R G HACKER PhD Assoc Prof Plant Path 1J M HERNDON MSE Asst Prof Instr 1L L HUFF MS Instr Applied Anal 12M D HARRISON PhD Assoc Prof Plant Path 1R B KELMAN PhD Prof Biomath 5F G HAWKSWORTH PhD Faculty Affil Plant Path 1K F KLOPFENSTEIN PhD Asst Prof Functional Anal 13EUGENE HEIKES MS Ext Weed Spec 1M L. KOVACIC MS Asst Prof Math 1J E HENDRIX PhD Asst Prof Plant Physiol 1W M KLEIN PhD Asst Prof Plant Taxon 1BRUNO KLINGER MS Prof Gen Bot 12W A KREUTZER PhD Prof Plant Path 1F L LEIDAL MS Asst Prof Phys 1B W LEVINGER PhD Assoc Prof Algebra 1J S LOCKER PnD Asst Prof Functional Anal 1ARNE MAGNUS PhD Prof Anal 2D L LINDSEY PhD Asst Path Plant Path 1P W MIELKE PhD Assoc Prof Statis 1K L MODESITT MS Instr Computing 1R H NIEMANN PhD Prof Anal 1R J PAINTER PhD Assoc Prof Algebra and Linear 12NAGAYOSHI OSHIMA PhD Asst Prof Plant Path 1R V PARKE PhD Assoc Prof Plant Anat 1F B REEVES PhD Asst Prof Mycol 12CLEON ROSS PhD Assoc Prof Plant Physiol Algebra 1D B PERKINS MS Instr Mata 1Mrs PATRICIAM PRENTER PhD Asst Prof Functional Anal 5E ESCHWEIZER PhD Faculty Affil Weed Invest 142 EREMMENGA PhD Prof Biostatis 5J M STALEY PhD Faculty Affil Plant Path 1M M SIDDIQUI PhD Prof Statis 2Mrs MILDRED L THORNTON MS Asst Bot Seed 1M U SPERLINE MS - Asst Prof Differential Equations Technol 1D P SQUIER PnD Assoc Prof Numerical Anal 14J N SRIVASTAVA PhD Prof Statis 1RICHARD WALTER MS Instr Gen Bot 12ROBERT ZIMDAHL PhD Asst Prof Weed Sci 1FM STEIN PhD Prof Ordinary Differential Equations 12T M SUTHERLAND PhD Prof Biostatis CHEMISTRY 1K J AHITCOMP MA Asson Prof Anal and Number 1R A OSTERYOUNG PhD Prof Electrochem and Chmn of Theory Dept 12J S WILLIAMS PhD Prof Status 1CAMERON AINSWORTH PhD Assoc Prof Selenium th DPUBSADT MA Instr Angl Toxicol 1R E CARLSON PhD Organic Reaction Mechanisms Printing and Publications IN A DAUGHERTY PhD Assoc Prof Inorganic Reaction 1520 123L C SIPLE BFA Pups Ed (303-491-6622) 13P G SMITH MS Asst Pups Ed Kinetics 1J H GIBSON PhD Assoc Prof Spectroscopy 12D K JOHNSON MS Asst Prof Food Prod Res 1F L TAYLOR BFA Graphic Arts Spec 12GESTUR JOHNSON MS Prof Impr of Food Prod Veterinary Medicine and Biomedical Sciences, 1W B KINGMS - Assoc Prof Inorganic Chem Teaching Aids 1J J LEHMAN PhD - Prof Metabolic Reaction of Enzymes College of 1540 IN H BOOTH DVM PhD Dean and Chief of Anim Dis 12D D MAAG PhD Prof Selenium Toxicol Sect (303-491-6116) 1L L MILLER PhD Asst Prof Synthetic Organic Chem ID M MOHILNER PhD Assoc Prof Electrochem
IT R MUSGRAVE PhD Asst Prof Metal Complexes
IC M O'DONNELL PhD Asst Prof Spectroscopy 1LAURI LUOTO DVM MPH Assoc Dean and Prof Microbial 1A R PATTON PhD Prof Protein Metabolism ANATOMY 1R W DAVIS DVM MS Prof and Head of Dept 12Mrs MERLE G PAYNE MS Prof Sugarbeet Invest 1Y Z ABDELBAKI BVS PhD Assoc Prof 1H S PULESTON PhD Prof Bact and Plant Chem 1R C ⋈AY DVM Asst Prof 1Mrs JACQUELINE K RESSEGUIE BS Instr Inorganic 1DOROTHY BILLENSTIEN PhD Assoc Prof Chem 1G P EPLING DVM MS Prof 1J C ROBERTSON PhD Asst Prof Steric and Solvent 1R D FRANDSON DVM MS Prof Effects of Organic Reaction 1W C GORTHY PhD Asst Prof 1G H SPLITTGERBER PhD Prof Non-Aqueous Solvents 1R A KAINER DVM MS Assoc Prof 1F R STERMITZ PhD Assoc Prof Natural Prod 1J B TERRILL PhD Asst Prof Molecular Spectroscopy 1G W TOMPKIN PhD Assoc Prof Solid State 1HERMANN MEYER DVM PhD Prof 1G C SOLOMON DVM PhD Assoc Prof

1540-1560 COLORADO

Veterinary Medicine and Biomedical Sciences, College of-Continued

CLINICS AND SURGERY

10 R ADAMS DVM MS Prof and Head of Dept 14W A AANES DVM MS Prof

1LESLIE BALL DVM MS Asst Prof 14E J CARROLL DVM MS Assoc Prof

12L C FAULKNER DVM PhD Prof

1H A GORMAN DVM MS Prof

1ROGER GRAU BS Instr

1R B HEATH DVM Asst Prof

12N R HOMAN BS Asst Prof

1J T INGRAM DVM Asst Prof

1W V LUMB DVM PhD Prof and Dir Surg Lab 1BILLY MARTIN DVM Instr

IA W NELSON DVM PhD Asst Prof

12B W PICKETT PhD Prof

14J E SCHNEIDER DVM Asst Prof 1J C SIMONS DVM Asst Prof

1K W SMITH DVM MS Prof

1HENRY SWAN MD DS Prof of Res

1D L VARRA DVM Asst Prof 1J L VOSS DVM MS Assoc Prof

### MICROBIOLOGY

1J E OGG PhD Prof and Head of Dept

IW L BOYD PhD Prof

12T L CHOW BVS PhD Assoc Prof Virol

12J R COLLIER DVM PhD Prof Microbiol

1D W GRANT PhD Asst Prof Microbiol

12A B HOERLEIN DVM PhD Prof Microbiol

1B K JOYCE PhD Asst Prof Microbiol

1L H LAUERMAN PhD Prof Microbiol

1D C LUEKER PhD Assoc Prof Immunol

1LAURI LUOTO DVM MPH Assoc Dean and Prof Microbiol

1J V MAYEUX PhD Asst Prof Microbiol

12V A MILLER DVM MS Prof Microbiol
1S M MORRISON PhD Prof Microbiol

12JOHANNES STORZ DVM PhD Prof Virol

1R P TENGERDY PhD Assoc Prof Microbiol and Biochem 1T H TORNABENE PhD Asst Prof Microbiol

### PATHOLOGY

12A F ALEXANDER DVM PhD Prof and Head of Dept

1J L ADCOCK DVM PhD Assoc Prof 1K P ALTERA DVM PhD Asst Prof

1MAXINE BENJAMIN DVM MS Prof Clin Path

12HAROLD BREEN DVM Prof and Dir Diagnostic Lab

1FU-HO CHOW PhD Assoc Chem

12DWAYNE HAMAR PhD Asst Prof Chem Path

12C P HIBLER PhD Assoc Prof Parasitol

12ROBERT RUBIN DVM MS Prof Parasitol 124R H UDALL DVM PhD Prof Chem Path

1C E WHITEMAN DVM PhD Assoc Prof 12STUART YOUNG DVM PhD Assoc Prof

# PHYSIOLOGY AND BIOPHYSICS

1W J TIETZ DVM PhD Prof and Head of Dept

1J H ABEL Jr PhD Asst Prof IJ B BEST PhD Prof

IC J EAGAN PhD Assoc Prof

1JOHN FITCH Res Assoc

1A B GOODMAN PhD Asst Prof

1PETER HALL MD Assoc Prof

1R A HERIN DVM PhD Prof

1M L HOPWOOD PhD Prof 1J F MASKEN PhD Asst Prof

1MICHIO MORITA PhD Asst Prof 1E L PAUTLER PhD Asst Prof

1R W PHILLIPS DVM PhD Assoc Prof

1ANDREW PIGON PhD Asst Prof

1D H WILL DVM MS Assoc Prof

### RADIOLOGY AND RADIATION BIOLOGY

1A H DAHL PhD Acta Chmn and Prof of Phys 1J H ABEL PhD Asst Prof

1G M ANGLETON PhD Assoc Prof Biostatis-Radiation

1W C DEWEY PhD Prof Radiation Biol

1R J GARNER DVSc Prof Radiation Biol and Dir Collab Radiol Health Lab

Veterinary Medicine and Biomedical Sciences, College of-Continued

1E L GILLETTE DVM PhD Assoc Prof

1J E JOHNSON MS PhD Asst Prof Radiation Biol 1JANET JOHNSON MS Junior Radiation Biol 1J L LEBEL DVM PhD Assoc Prof Radiol

1J T LETT PhD Prof Radiation Biol 1R W PRICE PhD Assoc Prof Radiation Biol 1C R ROOT DVM Instr Radiation Biol

1K J SCHIAGER PhD Assoc Prof Radiation Biol 1JANICE STADLER PhD Assoc Prof Radiation Biol 1R L WATTERS PhD Assoc Prof Radiation Biol and

Cnem

1F W WHICKER PhD Asst Prof Radiation Biol

### VETERINARY MEDICINE

1L K WAYT DVM PhD Prof and Chmn of Dept

IL K WAYT DVM PhD Prof and Chairman of Dept

1H A CARPER DVM PhD Assoc Prof

1L M COHEN DVM Instr

IJ E CREED DVM MS Asst Prof

1D P HORTON DVM Instr

IC V KIMBERLING DVM MPH Asst Prof

1K A LARSON DVM PhD Asst Prof

1D H McKELVIE DVM PhD Assoc Prof

1J A MULNIX DVM Asst Prof

1R E PIERSON DVM Prof

IG A SEVERIN DVM MS Assoc Prot

### **Branch Stations**

Arkansas Valley Br Sta (PO Hocky Ford 81067)

2J F SWINK MS Supt and Asst Hort (303-254-6312)

2C W DICKIE DVM Asst Vet Path

1560

2F C SCHWEISSING MS Asst Ent

Central Great Plains Sta (PO Box K Akron 80720)

5ROME MICKLESON MS Acta Supt and Agr Engin (303-345-2259)

5B W GREB MS Soil Sci 24G O HINZE MS Asst Agron Creps

45R W SHAWCROFT MS Soil Sci 2KENNETH TAKEDA Junior Agron

Eastern Colorado Br Sta (Waitley Star Rte Akron 80720)

2A H DENHAM BS Supt and Asst Anim Sci (303-345-6402)

2P L SIMS PhD Asst Range Conserv

Mountain Meadows Research Center (PO Box 786 Grand Junction 81501)

25F M WILLHITE MS Soil Sci in Chg (303-242-1150)

2T H HALL MS Asst Anim Sci

50 W HOWE MS Agr Engin 5F A NORSTADT PhD Soil Sci

24E GSEIMER PhD Asst Agron

San Juan Basin Br Sta (PO Hesperus 81326) 2K H RIDDLE BS Supt and Asst Anim Sci (303-385-

4574)

2R W MARQUISS PhD Asst Range Conserv

2K A SCHLIEBE MS Asst Agron San Luis Valley Br Sta (PO Center 81125)

2J G WALKER MS Supt and Asst Agron (303-754-3594)

2F D MOORE III PhD Asst Hort 2P N SOLTANPOUR PhD Asst Hort

2J A TWOMEY MS Asst Hort

Southeastern Colorado Br Sta (Kim Rte Springfield 81073)

2H O MANN MS Supt and Assoc Agron (303-523-4403) 2E J LANGIN MS Asst Agron

Western Slope Br Sta (Austin Rogers Mesa Unit PO Austin 814101

23J K STACEY MS Assoc Hort (303-835-5187) 2E AROGERS PhD Asst Hort

Western Slope Br Sta (Fruit Unit PO 786 Grand Junction 81501)

2C W ROBINSON BS Asst Agron (Soils) (303-242-1150) 2H M GOLUS BS Junior Agron (Soils) Western Slope Br Sta (Orchard Mesa Unit 3168B1/2 Rd Grand

Junction 81501)

2C R URE PhD Supt and Assoc Hort (303-243-2813) 2A D BULLA BS Junior Ent

2N S LUEPSHEN PhD Assoc Plant Path

2J A QUIST PhD Assoc Ent

1570-1650 CONNECTICUT

### CONNECTICUT

College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of The University of Connecticut, Storrs 06268 (Teleg address, Storrs via Willimantic; and RR sta exp address, Willimantic)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

1570

1H D BABBIDGE Jr PhD LLD LHD Pres of Univ IJ M EVANS MBA Fiscal Vice Pres 1E V GANT MS Prov and Academic Vice Pres 123E J KERSTING DVM MS Dean of Col of Agr Dir of Sta Dir of Coop Ext Serv (203-429-3311 Ext 238) 1.J P H BRAND PhD Asst Dean of Agrand Dir of Ratcliffe Hicks Sch of Agr and Short Courses 2W C KENNARD PhD Assoc Dir of Sta 3H M HANSEN MS Assoc Dir of Coop Ext Serv 123.J H AUSTIN Controller

Animal Diseases 1580

123C F HELMBOLDT DVM PhD Diploma ACVP Prof of Compar Path and Head of Dept 2MARY L ADAMS BS Res Asst Immunol Chem 2R L BOYDEN BA Res Asst Vet Virol 2A A BRENNAN Jr BS Res Asst Anim Husb

2Mrs CAROLE G BROWNING BS Res Asst Immunol Chem 13E S BRYANT DVM Assoc Prof Avion Clin Med

2Mrs ARLINE L BURDICK Res Asst Vet Bact 12Mrs CARROLL N BURKE PhD Asst Prof Vet Virol 2W E BURR MS Asst Prof Vet Serol 2E R CARMAN BS Res Asst Biochem

2T W CHOMIAK PhD Res Asst Vet Virol 123W H DANIELS DVM Assoc Prof Clin Mammal Med

12R A DiCAPUA PhD Asst Prof Immunol 13M N FRAZIER DVM MPH Prof Avian Clin Med 12T N FREDRICKSON DVM PhD Assoc Prof Expt Path

2Mrs EDITH H GASPER Res Asst Anim Husb 2Mrs PATRICIA A HENSGEN BS Res Asst Vet Virol 2R M JAKOWSKI DVM Res Asst Vet Virol

2Mrs ELIZABETH A JOHNSON AB Res Asst Vet Virol

2A J KENYON DVM PhD Prof Biochem
123E J KERSTING DVM MS Prof Clin Mammal Med 2R W KOMENT BS Res Asst Vet Virol

12S D KOTTARIDIS PhD Asst Prof Vet Virol 12R E LUGINBUHL PhD Prof Vet Virol

2R N McELHANEY BA Res Asst Vet Bact 2A H MOSHER DVM MS Instr Compar Path

12S W NIELSEN DVM PhD Diploma ACVP Prof Compar Path

2Mrs JUDY OLMSTED BA Res Asst Immunol Chem

12W J PARIZEK PhD Asst Prof Vet Bact 2R P PIROZOK MS Instr Histol Tech

2R L RADER BS Res Asst Vet Bact

2Mrs SARAH B STEPHENS BS Res Asst Vet Bact 2Mrs MARJORIE D STROSS Res Asst Vet Bact

2PATRICIA J TIMMINS Res Asst Vet Serol 12M E TOURTELLOTTE PhD Prof Biochem and Bact

12H J VAN KRUINI NGEN DVM PhD Assoc Prof Vet Path 2L F WILLIAMS MS Assoc Prof Vet Bact

2R E WOLKE DVM PhD Res Assoc Compar Path 12D S WYAND DVM Assoc Prof Compar Path

### Animal Industries 1590

123W A COWAN PhD Prof Anim Sci and Head of Dept

12A B BENNETT BS Res Asst Dairy Mfg 3R H BENSON PhD Prof Dairy Sci

3L R BROWN PhD Assoc Prof Dairy Sci 13R C CHURCH MS Assoc Prof Anim Sci (Horses)

12A R CORB BS Res Asst Anim Sci 123L R DOWD MSA Prof Dairy Mfg
12H D EATON PhD Prof Anim Nutr

2H I FRIER BS Res Asst Anim Nutr

12W S GAUNYA PhD Assoc Prof Dairy Sci 12L R GLAZIER MS Assoc Prof Dairy Mfq

Animal Industries-Continued

12D A GRANT MS Res Asst Anim Sci 123N S HALE PhD Prof Anim Sci

2R C HALL Jr MS Res Asst Anim Nutr 3H M HANSEN MS Prof Dairy Husb

12R G JENSEN PhD Prof Dairy Chem

12R E JOHNSON MS Assoc Prof Dairy Sci

12J M KAYS AM Assoc Prof Anin. Sci

123D M KINSMAN PhD Assoc Prof Anim Sci (Meats)
12Mrs HELEN P MacLEOD PhD Assoc Prof Dairy Mfg

13L A MALKUS PhD Asst Prof Anim Sci 12M E MORGAN PhD Prof Dairy Chem and Bact

12G R NORMAN MS Res Asst Dairy Mig 2J C ROUSSEAU PhD Assoc Prof Anim Nutr

12A C SMITH PhD Prol Dairy Mfg.

2W H SNEDEKER BS Res Asst Reprod Physiol

1B A WALTERS PS Res Asst Anim Sci 12C O WOODY Jr PhD Assoc Prof Reprod Physiol

12N F WRIGHT BS Res Asst Amm Sci

Economics (Agr)

123S K SEAVER PhD Prof and Head of Dept

1J P H BRAND PhD Assoc Prof

23A W DEWEY MS Prof 13G A ECKER MS Assoc Prof Farm Mgt

123R O P FARRISH PhD Assoc Prof 12I F FELLOWS PhD Prof

123I W HARDIE PhD Asst Prof

123STEWART JOHNSON PhD Prof 12M W KOTTKE PhD Prof

2R E LAMBERT BA Res Asst

12T C LEE PhD Asst Prof 123R L LEONARD PhD Asst Prof

13T C MORRISON PhD Assoc Prof 123D G STITTS PhD Asst Prof

Editorial

1620

1600

123A R MEADE MS Assoc Prof Coop Ext and Res and Head of Dept

123J D ALLIE BS Pubs Ed

123W D BECKENHOLDT MS News Ed 123A R GAVITT Jr MA Pubs Ed

123D L KIMBALL BA Pubs Ed

123E A STANLEY BA Radio-TV Spec

Engineering (Agr)

123W C WHEELER MSAE Prof and Head of Dept

23J W BARTOK Jr BS Res Asst 123J B GREINER MSAE Assoc Prof

123J J KOLLEGA PhD Assoc Prof 13E L PALMER MA Assoc Prof 3R E PHILLIPS MS Assoc Prof

2R P PRINCE MS Assoc Prof 12J H WHITAKER MSA Assoc Prof

Extension Administration

1630

123E J KERSTING DVM MS Dir 3H M HANSENMS Prof Dairy Husb and Assoc Dir

3R F ARONSON MS Assoc Prof Coop Ext and State 4-H Club Lar 3Mrs DORIS A LANE MA Assoc Prof Home Econ and

State Home Demon Ldr

3NOHFFN A RAY MEd Assoc Prof Coop Ext and Assoc State 4-H Caub Ldr

130 S TRASK MA Assoc Prof Coop Ext and 4-H Spec in Older Youth

3G E WHI THAM MS Assoc Prof Coop Ext and Asst Dir for Proq

Genetics (Anim)

1640

21. J PIERRO PhD Prof and Head of Dept

2P F GOETINCK PhD Assoc Prof 2N W KLEIN PhD Assoc Prof

2MARGARET J SEKELLICK MS Res Asst 2Mrs JEAN S SPIGGLE MS Res Asst

Home Economics

1450

 $12 \mbox{HELEN}$  G CHAMBERS MA  $\,$  Prof Cloth Text and  $\,$  Relat Art and Dean of Sch

1T M BROOKS PhD Assoc Prof Fam Econ and Mat

CONNECTICUT 1650-1710

### Home Economics-Continued

3JANINA M CZAJKOWSKI EdD Prof Foods and Nutr IELNA E DANIELS MS Asst Prof Inst Mat and Foods 1A E DREYER PhD Assoc Prof Child Devlpmt and Fam Relat

3Mrs ELSIE B FETTERMAN PhD Assoc Prof Home

3EVELYN V HARTLEY MEd Assoc Prof Home Furn 1Mrs MARIE G HELMBOLDT MS Asst Prof Fam Econ and Mat

1Mrs ELEANOR B HOTTE MS Assoc Prof Cloth Text and Relat Art

1G H HOTTE SM Assoc Prof Cloth Text and Relat Art

1F G HUMPHREY EdD Asst Prof Child Devlomt and Form Belot

1Mrs SARA M HUNT PhD Assoc Prof Foods and Nutr 1AUDREY L JARRELLE MS Instr Cloth Text and Relat Art

1Mrs LOUISE T JOHNSON MS Instr Cloth Text and Relat Art

1C A JONES PhD Assoc Prof Child Devlomt and Fam Relat

3ESTELLE M KEANE MA Assoc Prof and Cloth Spec 1E D KELLER PhD Assoc Prof Child Devlpmt and 'an Belit

1F H KELLEY BS Instr Cloth Text and Relat Art 3Mrs DORIS A LANE MA Assoc Prof and State Home Demon Ldr

1L H LANG II EdD Asst Prof Child Devlomt and Fam Relat

1TATIANA LEVCOWICH MS Assoc Prof Foods and Nutr 1Mrs ELEANORE B LUCKEY PhD Prof Child Devlpmt and Fam Belat

12Mrs INGEBORG MacKELLAR PhD Prof Foods and Nutr

1W G McINTIRE MS Asst Prof Child Devlpmt and Fam Relat

1WILLIAM McLEOD MS Instr Cloth Text and Relat Art 1Mrs DOROTHEA MERCILR MS Instr Cloth Text and

IVERNA MOULTON MEd MA Assoc Prof Cloth Text and Relat Art

1G D NASS PhD Assoc Prof Child Devlpmt and Fam Relat

3P E NUTTALL MS Asst Prof and Fam Relat Spec 1BARBARA L OSBORN PhD Assoc Prof Home Econ Educ

1D C PAYNE EdD Asst Prof Child Devlpmt and Fam

1RUTH SCHWARTZ PhD Assoc Prof Foods and Nutr 1C F SCOTT MS Asst Prof Cloth Text and Relat Art 1L E THOMAS MA Asst Prof Child Devlomt and Fam Relat

1Mrs MARJORIE B TOURVILLE Asst Instr Child Devlpmt and Fam Relat

1F E WADDELL MS Instr Fam Econ and Mat 1CAROLYN WILLIAMS MA Asst Prof Child Devlomt and Fam Relat

IG W WISE MA Instr Child Devlomt and Fam Relat

1660 Plant Science

123A J R GUTTAY PhD Prof Soil Mat and Head of Dept 12ROBERT ADZIMA BS Res Asst Flor

123D W ALLINSON PhD Asst Prof Forage Crop Physiol

3R A ASHLEY PhD Asst Prof Hort 2L H BARBER BS Res Asst Agron 1K A BRADLEY MS Assoc Prof Hort

13E D CARPENTER Jr PhD Asst Prof Omom Hort

23E J DUDA PhD Assoc Prof Ent

2F H EMMERT PhD Prof Plant Nutr

13R J FAVRETTI MS MLA Assoc Prof Landsc Arch

12M D FERRILL DF Assoc Prof For 12M J GRATZER MSc Asst Prof For 23G F GRIFFIN PhD Asst Prof Soil Fert

IW L HARPER MS Assoc Prof Flor

23ARTHUR HAWKINS PhD Prof Potato Mat 2B E JANES PhD Prof Plant Physiol

2W C KENNARD PhD Prof Plant Physiol

3D A KOLLAS PhD Asst Prof Pomol

Plant Science-Continued

23J S KOTHS PhD Assoc Prof Flor 12J M LENT MEd Prof Veg Crops 2E L MARROTTE BS Res Asst Flor 12R D McDOWELL PhD Prof Wildlife Mgt 12G A L MEHLQUIST PhD Prof Plant Brdg 12L A MITTERLING PhD Assoc Prof Pomol 3Mrs BESSIE W MORRISON Res Asst Agron 12R A PETERS PhD Prof Crop Ecol 12E J RUBINS PhD Prof Soil Chem 23P L RUSDEN PhD Res Assoc Plant Path 13M G SAVOS PhD Assoc Prof Ent 2JOHN SCARCHUK MS Instr Agron 3R I SCHRAMM Jr PhD Assoc Prof Omam Hort 23D B SCHROEDER PhD Asst Prof Plant Path 23W W WASHKO PhD Assoc Prof Agron 12SIENEY WAXMAN PhD Assoc Prof Ornam Hort 12R W WENGEL PhD Assoc Prof Soil Phys 123W R WHITWORTH PhD Asst Prof Fisheries 13E P WYMAN MF Assoc Prof For

Poultry Science

1670

123E P SINGSEN PhD Prof Poultry Nutr and Head of Dept

3W A AHO MS Prof Poultry Husb 12K N HALL PhD Asst Prof Poultry Prods 2Mrs CLARA B HLADKY AB Res Asst Anim Genet 2J L LAMBERT BSA Res Asst Poultry Husb 12L D MATTERSON PhD Prof Poultry Nutr 2W J PUDELKIEWICZ PhD Asst Prof Poultry Nutr 1F A RYAN MSA Assoc Prof Poultry Husb
12R G SOMES PhD Assoc Prof Anim Genet
123P G STILES PhD Assoc Prof Poultry Prods

13D W TALMADGE MS Assoc Prof Poultry Husb 2J J TLUSTOHOWICZ BS Res Asst Poultry Nutr

Rural Sociology

1680

123W C McKAIN Jr PhD Prof and Head of Dept 12W H GROFF PhD Asst Prof 23B P SMITH MSSW Asst Prof 12E G STOCKWELL PhD Prof Demography

12N L WHETTEN PhD Prof

1690

Miscellaneous

5J J BRUMBACH MS State Climatol

123J N GILL BA Commissioner State Dept Agr and Natural Resources

5T P LITWIN Adminr Agr Stabil and Conserv Serv

2J J LUCAS PhD Prof Agr Biomet 1W H MARTIN EdD Prof Agr Educ

1J P McDONALD MSLS Libr

12W N SARGENT BS Univ Farm Supt
5N P TEDROW BS Adminr Soil Conserv Serv

5G A ZEPP PhD Econ (Agr) Econ Res Serv

The Connecticut Agricultural Experiment Station, New Haven 06504

Station Staff

1700

2J G HORSFALL PhD Dir and Treas (203-787-7421 Ext 23)

2WL SLATE BS Dir Emeritus 2NEELY TURNER MA Vice Dir 2B B MINER BS Libr and Ed

**Analytical Chemistry** 

1710

2J GORDON HANNA BS Head of Dept 2R A BOTSFORD BS Assoc Chem 2H J FISHER PhD Chem Emeritus 2Mrs MARTHA FUZESI MS Asst Chem 2L G KEIRSTEAD BS Assoc Chem 2HELEN L KOCABA BS Asst Chem 2W O MUELLER MS Asst Chem 2S R SQUIRES BS Assoc Chem 2R E WEST BA Asst Chem
2A F WICKROSKI MA Assoc Chem

### CONNECTICUT-DELAWARE

Biochemistry  2ISRAEL ZELITCH PhD Head of Dept 2LESTER HANKIN PhD Biochem 2K R HANSON PhD Assoc Biochem 2EVELYN A HAVIR PhD Asst Biochem 2P E KOLATTUKUDY PhD Asst Biochem	1720	3S M GWINN PhD Dir of Ext (302-738-2504)  12W F McDANIFI, PhD Deam of Col of Aar Sci and I Sta (302-738-2501)  1R MEADE Jr MA Vice Pres for Bus and Finance  123G M WORRILOW DAq Vice Pres for Univ Relat	Dirof
2H B VICKERY PhD Biochem Emeritus		Agricultural Engineering	1800
Biometry 2C I BLISS PhD Biomet	1730	123E N SCARBOHOUGH MS Chmn and Assoc Prof 4N E COLLINS MS Asst Prof Aar Enain 120 R HAHMAN MS Asst Prof Aar Enain 123E W WALPOLE MS Asst Prof Aar Enain	
P . 1	1740	13T H WILLIAMS MS Instrin Agr Engin	
2N EELY TURNER MA Head of Dept State Ent 2J F ANDERSON PhD Assoc Ent 2R L BEARD PhD Ent 2W T BRIGHAM BS Assoc Ent Dept State Ent 2C C DOANE PhD Assoc Ent 2PHILIP GAHMAN PhD Ent Emeritus 2S W HITCHCOCK PhD Assoc Ent 2J B KRING PhD Ent 2DAVID LEONARD PhD Asst Ent 2J C SCHREAD MS Ent	1740	Animal Science and Agricultural Biochemistry  12W J BENTON PhD Chmn and Prof Avian Path  12M C CALHOUN PhD Asst Prof Biochem  2BARBARA J CHEESEMAN PA Res Asst  2T J DOUGHERTY MS Res Assoc Pact  123R E FOWLER PhD Asst Prof Livestock Spec  23J F GORDY BS Poultry Spec and Dir Georaetown  Substation  12G W HAFNLEIN DAa Asst Prof Dairy Mat  123W R HESSELTINE PhD Assoc Prof Dairy Indus  12W C KRAUSS MS DVM Assoc Prof Poultry Path	1810
Genetics	1750	3R W LLOYD MS Assoc Ext Poultry Spec	
2P R DAY PhD Head of Dept 2C D CLAYBERG PhD Assoc Genet 2W L GEORGE PhD Asst Genet 2L D INCOLL PhD Asst Genet 2R A JAYNES PhD Assoc Genet 2J E PUHALLA PhD Asst Genet	1730	12T C MADDUX DVM Res Assoc Poultry Path 2Mrs MARGARET McCULLY BS Res Asst Nutr 2R M MONTGOMERY DVM Poultry Path 12ARLETTE I RASMUSSEN PhD Assoc Prof Nutr Biochem 12T D RUNNELS MS Assoc Prof Poultry Nutr	
Diana Bashalama and Basana	1760	12R L SALSBURY PhD Assoc Prof Dairy Nutr	
Plant Pathology and Botany 2A E DIMOND PhD Head of Dept 2W L BIEHN PhD Asst Plant Path 2J G HORSFALL PhD Plant Path	1760	12P H SAMMELWITZ PhD Assoc Prof Physiol 12I R TREECE PhD Asst Prof Biochem Genet 12C W WOODMANSEE MS Assoc Prof Biochem  Economics (Agr)	1830
2R J LUKENS PhD Assoc Plant Path 2FRANCES W MEYER BA Asst Plant Path Digar 2P M MILLER PhD Assoc Nematol 2S S PATIL PhD Asst Plant Path 2SAUL RICH PhD Plant Path 2HARLEY TOMLINSON PhD Asst Plant Path 2G S WALTON PhE Asst Plant Path Digamosis 2MILTON ZUCKER PhD Plant Physiol		12R C SMITH PhD Prof and Chinn 13R L BILL. BS Assoc Prof and Dir of Food Bus In 12G L COLE PhD Asst Prof Resource Devlomit 12J G ELTERICH PhD Asst Prof Prod Econ Farm N 3Mrs ANNE W HOLBERTON MS Spec in Consum E and Mktg 12H F KRUECKEBERG PhD Asst Prof Food Bus 3W T McALLISTER MS Farm Mat Spec 13J J MILMOE BS Asst Act in Food Mkta	Mat
Soils, Climatology, and Forestry 2P E WAGGONER PhD Head of Dept 2J E PEGG PhD Asst Crop Physiol 2D B DOWNS BS Asst Agr Sci 2C R FRINK PhD Soil Chem	1770	3H R MULLER MS Mkta Spec 13R D SHIPPY MS Asst Prof Coord of Food Exec T 3G F VAUGHN MS Com. and Resource Devioint Spe	ec
2R D HARTER PhD Asst Soil Chem 2G H HFICHEL PhD Asst Crop Physiol 2D E HILL PhD Assoc Soil Sci 2B L SAWHNEY PhD Assoc Soil Chem 2G R STEPHENS PhD Assoc For		Editorial 13) L WEBB MS Aar Ed 23Mrs Lorraine Kinadon PS Ed Asst 23E G ZIEGLER PS Asst Ed	1835
2N C TURNER PhD Asst Physiol		Education 1R P BARWICK EdD Assoc Prof	1840
Sub-a-air-	1780	ILL DAMINON PRO VISSOC LIOI	
Substation Vallev Lab (PO Box 248 Windsor 06095) 203-688-3647 2G S TAYLOR PhD Asst to Dir in Tha 2J F AHRENS PhD Assoc Plant Physiol 2H C DeROO PhD Soil Sci		Entomology and Applied Ecology 123D F BRAY PhD Prof and Chmn 23F E BOYS BS Res Asst and Ext Ent 12P P BURBUTIS PhD Assoc Prof 12E P CATTS PhD Assoc Prof 12W A CONNELL PhD Assoc Prof	1850
DELAWARE		12R F. JONFS PhD Asst Prof 12L P KELSEY PhD Asst Prof	
College of Agricultural Sciences, The Agricultural Experiment Station, and The Agricultural Extension S of the University of Delaware, Newark, Delaware 197	er vi c e	2R W LAKE MS Res Assoc 3J S McDANIEL BS Arr Chem Spec and Res Asst 2F J MURPHEY PhD Res Assoc	
1College Staff 2Station Staff 3Extension Staf 4Leave of Absence	f	Extension Administration 3S M GWINN PhD Dir 3J O BAKER PS 4-H Club Ldr	1860
	1790	и Е	1000
<ul> <li>123E A TRABANT PhD Pres (302-738-2111)</li> <li>123J W SHIRLEY PhD Prov (302-738-2101)</li> <li>10 P BERGELIN PhD Univ Coord of Res and Ass Deam of Grad Col</li> <li>12D F CPOSSAN PhD Asst Deam Col of Aar Sci a Dir of Sta (302-738-2502)</li> </ul>		Home Economics  IIRMA AYERS EdD Prof Home Econ and Dean of IJUDITH A FEYRING MS Instr Home Mat IMES CATHERINE V BIEBER MS Asst Prof Home Educ IJULIA CLINE MS Instr Home Econ Educ	

Home Economics-Continued

Home Economics-Continued		Miscellaneous 198	0
1CONSTANCE ELLIOTT MS Instr Food and Nutr 1MARY L FRANCIS MS Instr Text and Cloth	r	3U S WASHINGTON MS Asst Prof Agr	
ISUSAN GARNER MS Instr Text and Cloth		1F W JONES BS Instr Agr	
1Mrs DEBORAH KLIMAN MS Instr Child Devlpmt	t	1N DLLI. PhD Prof Natural Resources	
3MARGUERITE E KRACKHARDT MS Nutr Spec		Research 198	5
1LINDA L LUCHTMEd Instr Home Econ Educ		M M CALDWELL Prof Educ Chmn	•
1EVA J McCREARY MS Asst Prof Food and Nutr 3CORAL K MORRIS MS Home Mgt Spec	•	Res Comm (302-734-8271 Ext 43)	
1ALICE PAGE MS Instr Child Devlpmt			
1SALLY PETERSON MS Instr Text and Cloth		FLORIDA	
12ARLETTE I RASMUSSEN PhD Assoc Prof Nutr	on d	FLORIDA	
Agr Biochem		Institute of Food and Agricultural Sciences:	
3JANET D REFD MS Cloth and Text Spec	, .	College of Agriculture, Agricultural Experiment Stations,	
ICAMILLE SCHIFFMAN MS Asst Prof Child Dev		and Agricultural Extension Service of the University of	
1Mrs BARBARA H SETTLES PhD Assoc Prof Ch Devlpmt and Fam Life	111 a	Florida, Gainesville 32601	
1ANN SLOAN MS Asst Prof Equip Housing and F	lome	• C-11 Ct-ff	
Furn		1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agenc	.,
1DOROTHY V TAYLOR BA Instr Text and Cloth		420476 of hissonice Soody Objin Souler dove rigene	*
Mrs CAPOLYN THOROUGHGOOD PhD Asst Pr	of		
Food and Nutr			
Plant Science	1890	199	0
123M R TEEL PhD Chmn and Prof		1S C O'CONNELL Pres of Univ (376-3261 Ext 2311) 1F W CONNER PnD Vice Pres of Univ	
12E P BRASHER MS Prof		123E T YORK .Ir PhD Prov fo: Acr (376-3261 Ext 2711)	
12R H COLE PhD Assoc Prof		123A F CRIBBETT MS Dir Spec Prog	
12L J COTNOIR Jr MS Assoc Prof 12H W CRITTENDEN PhD Assoc Prof Soybean Di	_	IM A BROOKER PhD Dean of Col of Agr (376-3261	
Brda Brda	S	Ext 2713)	
12D F CROSSAN PhD Prof Veg Dis Fungi		1GD THORNTON PhD Asst Dean of Col of Agr	
12C W DUNHAM PhD Assoc Prof Flor and Omam		2.1 W SITES PnD Dean for Res (376-3261 Ext 27'.3)	
12D J FIELDHOUSE PhD Assoc Prof Veg Crops		2H H WH.KOWSKE PhD Asst Dir of Sta 2G R FREEMAN MSA Asst Dir of Sta	
12V J FISHER PhD Assoc Prof Pomol		2A T WALLACE PhD Asst Dean	
123J W HEUBERGER PhD Prof Fruit Dis Fungi		3M O WATKINS DPA Dir of Agr Ext Serv (376-3261	
12W R KUSSOW PhD Asst Prof		Ext 2446)	
12R W LIGHTY PhD Asst Prof Ornam Hort 2MARIE MEALEY BA Res Asst		3.J N BUSBY PhD Assoc Dir of Agr Ext Serv	
12R W MILLER BS Res Asst		3F E MYERS MAgr Asst Dir of Agr Ext Serv	
123W H MITCHELL PhD Assoc Prof Crop Mat		3.1 H NININGER Ir BSBA - Asst in Admin Agr Ext Serv 123D R BRYANT Ir AB - Admin Asst	
12E M RAHN MS Assoc Prof Veg Crops		1230 R DRIANT JEAD Adit.h Assi	
12J M SASSER PhD Asst Prof Pathol			
3R F STEVENS MS Hort Spec		Agricultural Economics 2000	)
1R E VOGEL MS Asst Prof Landsc Arch		123K R TEFERTILLER PhD Prof Agr Econ and Chmn of	
Miscellaneous	1920	Dept	
1Mrs MARILYN THOMPSON Libr		2D E ALLEGER MS Assoc Agr Econ 3CLIFFORD ALSTON MSA Econ Farm Mgt	
<b>6</b> 1 <b>6 8 9</b>		3C L ANDERSON BS Asst in Farm Mgt	
Substa (Georgetown Del) 23J F GORDY BS Dir	1930	25H D BRODNAX MS Asst in Agr Econ	
2G W CHALOUPKA BS Res Assoc		2D L BROOKE PhD Agr Econ	
2J W DICKERSON MS Form Mor		2T L BRCOKS Jr BS Asst in Agr Econ	
2R M MONTGOMERY DVM Poultry Path		3E W CAKE PhD Econ Mktg Farm Mgt	
2E L WISK MS Res Assoc		12H B CLARK PhD Prof and Agr Econ	
		3C D COVEY PhD Asst Agr Econ Mktg 3R A EASTWOOD PhD Econ Mktg	
Schools of Agriculture, Home Economics, and Ve		2B R EDDLEMAN PhD Asst Agr Econ	
nary Medicine, the Agricultural Experiment Station, an		2W F EDWARDS MBA Asst in Agr Econ	
Agricultural Extension Service of the Delaware State		3CABL FABLER MS - Asst in Aar Econ Rural Resource	
College, Dover 19901		Devipint	
-C-ll Craff -Charl Craff -T - Craff	r	3K M GILBRAITH MSA Veg Mktg Spec 12R E L GREENE PhD Prof Agr Econ and Agr Econ	
1College Staff 2Station Staff 3Extension Staf	Ī	12J R GREENMAN LLB Prof and Agr Econ	
	1940	34R P HILL MSAE Asst Econ	
13L I MISHOE PhD Pres	., .•	25G C JONES MS Asst in Aar Econ	
1R C HENDERSON EdD Dean of Instr		41M R LANGHAM PhD Assoc Prof Agr Econ	
13W R WYNDER EdD Chimn Dept of Aar Sta (302-		2W B LESTER PhD Asst Econ 25W T MANLEY PhD Assoc Agr Econ	
734-8271 Ext 76)		12W K McPHERSON MS Prof and Agr Econ	
Agronomy and Soils	1950	1W W McPHERSON PnD Grad Res Prof in Agr Econ	
1J T HOWELL MS Asst Prof Agr	.,50	3C C MOXLEY PhD Econ	
		25J E MULLIN BS Agr Statis (PO Orlando)	
Chemistry (Regulatory)	1960	12C E MURPHREE DPA Assoc Prof and Assoc	
1HARRIET R WILLIAMS MS Head of Dept		Agr Econ 25J L PEARSON MS - Asst Agr Econ	
IGEORGE R SEIDEL PhD Prof Chem		2LEONIDAS POLOPOLUS PhD Assoc Agr Econ	
Home Economics	1070	2J E REYNOLDS PhD Asst Agr Econ	
1Mrs EVA V MOORE MS Asst Prof Chmn of Dept	1970	2G N ROSE BS Assoc Agr Econ (PO Orlando)	
1MARGARET L THORPE MS Instr Home Econ		43S F. ROSENBERGER PhD Assoc Veg Mktg Spec	
1ANNIE W EATON MS Asst Prof Home Econ		12C N SMITH PhD Prof and Agr Econ	
•		2A H SPURLOCK MSA Agr Econ	

2010-2090

2040

2060

# Agricultural Engineering

2010 123D T KINARD PhD Prof Agr Engin and Chmn of Dept 2C D BAIRD BSAGE Res Assoc Water Mat and

Agr Proc 3L B BALDWIN MSA Asst Prof Agr Mach Water Mgt

25E K BOWMAN BS Assoc Indus Engin Citrus and Vea Handling

12R E CHOATE MSA Prof and Aar Engin Water Mgt 3R P CROMWELL ME Asst Agr Engin Agr Mach

3S E EVANS BSBA BArch Asst in Agr Engin Agr Structures 12R C FLUCK PhD Asst Prof and Asst Agr Engin Agr

Structures and Syst 25J J GAFFNEY MSAE Asst in Agr Engin Citrus and Vea Handlina

3D S HARRISON MSA Assoc Agr Engin Agr Mach Water Mat

25F E HENRY BIE Asst Indus Engin Citrus and Veg Handling

12J M MYERS MSA Prof and Agr Engin Water Mgt 3A M PETTIS MSA Assoc Agr Engin Farm Elec Safety

1C J HOGERS MAgr Asst Prof Agr Engin Agr Mech 3T C SKINNER MAgr Agr Engin Agr Structures

#### Agronomy

2020 123D E McCLOUL PhD Prof Agron and Chmn of Dept

2F T BOYD PhD Agron Forage Plant Brdg 2FRED CLARK MSA Agron Flue Cured Tobacco

12J R EDWARDSON PhD Prof and Genet Cytogenet

3C E FREEMAN MS Asst Agron Sugarcane

2H C HARRIS PhD Agron Crop Nutr

3J R HENDERSON MSA Agron Crop Mgt

25K C HINSON PhD Assoc Genet Soybeans 12E S HORNER PhD Prof and Genet Corn Clover

3D W JONES MSA Assoc Agron Forage Crop Mgt

2G B KILLINGER PhD Agron New Crops 25E B KNIPLING PhD Asst Plant Physici

25J E MICKELSON AB State Climatol

12G O MOTT PhD Prof and Agron Forage Crop Mat

12A J NORDEN PhD Assoc Prof and Assoc Genet Peanuts 2P L PFAHLER PhD Assoc Genet Small Grains Corn

2G M PRINE PhD Assoc Agron Field Crop Ecol

12E G RODGERS PhD Prof and Aaron Weed Sci 12O C RUELKE PhD Assoc Prof and Assoc Aaron Forage Crop Ecol

12S C SCHANK PhD Assoc Prof and Assoc Agron Forage Crop Genet

12V N SCHRODER PhD Asst Prof and Asst Agron Crop Mutr

2AZIZ SHIRALIPOUR PhD Res Assoc Plant Physiol

25H E WARMKE PhD Genet Cytogenet

2T E WEBB MS Asst Agron and Mar Seed Fdn 25S H WEST PhD Assoc Plant PhysioI Forage Crops 3E B WHITTY PhD Asst Agron Field Crop Mgt

12MERRILL WILCOX PhD Asst Prof and Asst Agron Weed Sci

#### Animal Science 2030

123T J CUNHA PhD Prof Anim Nutr and Chmn of Dept 12C B AMMERMAN PhD Assoc Prof and Assoc Anim Nutr

12L R ARRINGTON Foll Prof and Anim Nutr

12J W CARPENTER PLD Asset Prof and Assoc Meat Sci

12G E COMBS PhD Prof and Anim Nutr

2G K DAVIS PhD Anim Nutr Dir Biol Sci

3K L DURRANCE MAGE Assoc Anim Husb

2J F EASLEY MS Asst Anim Nutr

12J P FEASTER PhD Assoc Prof and Assoc Biochem

12J F HENTGES Jr PhD Prof and Anim Nutr 3B / JACKSON PHIL

Aast Anim Husb 12MARVIN KOGER PhD Prof and Anim Genet

12P E. LOGGINS MS Assoc Prof and Assoc Anim Husb

12J E MOORE PhD Assoc Prof and Assoc Anim Nutr 3J E PACE MSA Anim Hush

12A Z PALMER PhD Prof and Meat Sci 3R L REDDISH PhD Assoc Meats Spec

12R L SHIRLEY PhD Prof and Anim Nutr 12D L WAKEMAN MSA Assoc Prof and Assoc Anim Husb

Animal Science - Continued

12H D WALLACE PhD Prof and Anim Nutr 12A C WARNICK PhD Prof and Anim Physiol

**Bacteriology** 

1M E TYLER PhD Prof of Bact and Chmn Dept Marine Bact

1B A BLAYLOCK PhD Asst Prof Bact Bact Metabolism

1A S BLEIWEIS PhD Asst Prof Bact Bact Physiol 6D E DUGGAN PhD Assoc Prof Bact Microbial Proc

1D S NASSER PhD Asst Prof Bact Microbial Proc

1P H SMITH PhD Assoc Prof Bact Bact Metabolism

Botany

12LELAND SHANOR PhD Prof Bot and Chmn of Dept 1H C ALDRICH PhD Asst Prof Bot 12D S ANTHONY PhD Assoc Prof and Assoc Biochem

1J H DAVIS PhD Prof Bot 1J S DAVIS PhD Prof Bot

1E S FORD PhD Prof Bot

12G J FRITZ PhD Assoc Prof and Assoc Plant Physiol

1D G GRIFFIN PhD Asst Prof Biol Sci and Bot 1M M GRIFFITH PhD Prof Biol Sci and Prof Bot

12T E HUMPHREYS PhD Assoc Prof and Assoc Biochem

12J W KIMBROUGH PhD Asst Prof Bot and Asst Mycol

1J T MULLINS PhD Assoc Prof BioI Sci and Bot

1R C SMITH PhD Asst Prof Bot

11 K VASIL PhD Vis Assoc Prof Bot

12D B WARD PhD Assoc Prof and Assoc Bot

# Dairy Science

123C B BROWNING PhD Prof and Chmn of Dept 12E L FOUTS PhD Prof Dairy Tech Dairy Prod (s) 3BARNEY HARRIS Jr PhD Asst Dairyman

12H H HEAD PhD Asst Prof and Asst Physiol 12W A KRIENKE MS Assoc Prof and Assoc Dairy Tech

Dairy Prods 12S P MARSHALL PhD Prof and Nutr

12L E MULL PhD Prof and Microbiol Dairy Prods

3C W REAVES MSA Dairyman

12K L SMITH PhD Assoc Prof Bact and Assoc Microbiol

2J B WHITE BSA Assoc Dairy Husb (PO Chipley)

12C J WILCOX PhD Assoc Prof and Assoc Genet

12J M WING PhD Prof and Dairy Husb

3H B YOUNG MSA Asst Dairy Tech Dairy Prods

Editorial 2070 23M H SHARPE PhD Ed and Chinn of Dept

3D L BUCK BS Asst Commun Spec

23K B MEURLOTT MAJ Asst Ed

3D W POUCHER MA Asst Commun Spec

3R C SMITH Jr BA Asst Ed

3ALMA WARREN MS Asst Commun Spec 2MARY C WILLIAMS MS Asst Ed

3C T WOODS MA Asst Commun Spec

Education 2080 1W T LOFTEN MAE Prof Aar Educ and Chmn of Dept 1C E BEEMAN EdD Asst Prof Educ

1J E CHRISTIANSEN PhD Asst Prof Educ

Entomology and Nematology 2090

123W G EDEN PhD Chmn of Dept

1FRED ACREE Jr BA Prof Ent

12F S BLANTON PhD Prof Ent Med

3J E BROGDON MAgr Ent Veg

12W T CALAWAY MS Asst Prof Ent

15M M COLE BS Instr Ent Med

1J T CREIGHTON PhD Prof Ent Morphol 1H L CROMROY PhE Assoc Prof Ent Acarol

16G W DEKLE BS Instr Ent Taxon

16H A DENMARK MS Assoc Prof Ent Taxon

16R P ESSER BS Instr Ent Nematol 15J B GAHAN MS Prof Ent Med

15I H GILBERT PhD Prof Ent Med

2090-2150 FLORIDA

Enternal and Manufalant Continued	Extension Supervision and Specialists-Continued
Entomology and Nematology-Continued  15H K GOUCK MS Asst Prof Ent Med	3A A STRAUGHN PhD Asst Prog Spec
12D H HABECK PhD Assoc Prof Ent and Assoc Ent	3BETH H WALSH MS Foods Spec (PO Tallahassee)
Veg Ins Immatures	3YANCEY B WALTERS MHe Home Econ Prog
3J D HAYNIE BSA Apic Dis and Quality	31ZOLA F WILLIAMS MS Asst State Ldr Home Econ
12L A HETRICK PhD Prof Ent for Ins	(PO Tallahassee)
12S H KERR PhD Assoc Ent Turf Ins	5. 116 . 2110
1SOL KRAMER PhD Prof Ent Morphol	Field Services 2110
2L C KUITERT PhD Ent Tobacco and Ornam Pests	2W H JONES Jr MAGr Asst Supt
15G C LaBRECQUE PhD Assoc Prof Ent Med	Food Science 2120
16K R LANGDON PhD Asst Prof Ent Nematol	123R A DENNISON PhD Prof Biochem and Chmn of
1F A LEE MA Supvr Pest Control	Dept Food Sci
1J E LLOYD PhD Asst Prof Ent Ecol 15C F LOFGREN PhD Asst Prof Ent Med	12E M AHMED PhD Asst Prof and Asst Biochem
15RONALD LOWE PhD Asst Prof Ent Med	12R P BATES PhD Asst Prof and Asst Food Tech
15M S MAYER PhD Asst Prof Ent Physiol	2R B FRENCH PhD Biochem Anim Nutr
16F W MEAD MS Asst Prof Ent Taxon	2C B HALL PhD Hort Post Harvest Physiol
15E P MERKEL BS Instr Ent For	2J H JOHNSON PhD Asst Biochem Food Chem
15P B MORGAN PhD Prof Ent Med	12F W KNAPP PhD Assoc Prof and Assoc Biochem Food
15G A MOUNT PhD Asst Prof Ent Med	3R F MATTHEWS PhD Assoc Food Tech
12MILLEDGE MURPHEY PhD Prof Ent Fruit Veg	2MARGARET E MERKLEY MS Int Asst in Food Tech
1J L NATION PhD Asst Prof Physiol	2H A MOYE PhD Asst Chem
15J H O'BANNON PhD Asst Prof Nematol	12R C ROBBINS PhD Assoc Prof and Assoc Biochem
15R S PATTERSON PhD Asst Prof Ent Med	Human Nutr
12V G PERRY PhD Prof and Nematol Fruit and Ornam	2R K SHOWALTER MS Hort Post Harvest Physiol 2N P THOMPSON PhD Asst Biochem
12W L PETERS PhD Asst Prof Ent Taxon	2RUTH O TOWNSEND RN Senior Res Asst in Nutr
12F A ROBINSON MS Assoc Prof and Assoc Apic Honey	Human Nutr
Prod and Pollination	2C H VAN MIDDELEM PhD Biochem Pesticide
2G C SMART Jr PhD Assoc Nematol Turf	Residues
15C N SMITH PhD Prof Ent Med 12W W SMITH PhD Assoc Prof Ent Med	2W B WHEELER PhD Asst Biochem
15B J SMITTLE PhD Ent Med	
2K J S CONE MS Res Assoc Biocontrol	
3J R STRAYER MAgr Asst Ent Pesticides	Forestry 2130
15T E SUMMERS PhD Assoc Prof Ent	12J L GRAY MF Assoc For and Chmn of Dept
15R B TURNER PhD Assoc Prof Ent Biochem	12S L BECKWITH PhD Assoc Prof and Assoc For
12R E WAITES PhD Asst Prof and Asst Ent Nutr	12G W CORNWELL PhD Assoc Prof and Assoc For
12T J WALKER PhD Assoc Prof Ent Orthoptera	12P W FRAZER MF Assoc Prof and Assoc For 12R E GODDARD PhD Assoc Prof and Assoc Genet
16H V WEEMS PhD Prof Ent Taxon	1V L HARPER PhD Prof For
15D E WEIDHAAS PhD Assoc Prof Ent Med	3T G HERNDON MSF Assoc Form For
1M J WESTFALL PhD Assoc Ent Odonata	
12R C WILKINSON PhD Assoc Prof and Assoc Ent Bark	12J B HUFFMAN DF Assoc Prof and Assoc For 3A S JENSEN MSF Asst Ext Farm For
Beetles and Sawflies	12C M KAUFMAN PhD Prof and For
15W W WIRTH PhD Prof Ent Taxon	12J W MILLER Jr MSF Prof and For
16R E WOODRUFF PhD Asst Prof Ent Taxon	12D M POST MSF Asst Prof and Asst For
Extension Supervision and Specialists 2100	12R A SCHMIDT PhD Asst Prof and Asst For
	12W H SMITH PhD Asst Prof and Asst For
3B J ALLEN MA Asst State 4-H Club Agt 3BETTY JANE BRANNAN PhD Asst Dir Home	12R G STANLEY PhD Prof and For Physici
Econ Prof	12R K STRICKLAND MSF Int Res Assoc
3W W BROWN MAgr State 4-H Club Ldr	12E T SULLIVAN DF Assoc Prof and Assoc For
3PAULINE CALLOWAY PhD Home Econ Prog Devlpmt	12K R SWINFORD PhD Prof and For
(PO Tallahassee)	
3SUSAN R CAMP MS Nutr	Fruit Crops 2140
3C J COMBRINK MS Housing and Equip Spec (PO	123A H KREZDORN PhD Prof Fruit Crops and Chmn
Tallahassee)	Dept Citrus Brdg and Prod
3ELIZABETH DICKENSON MA Cloth and Text Spec	12R H BIGGS PhD Assoc Prof and Assoc Biochem
(PO Tallahassee)	2D W BUCHANAN PhD Asst Hort
3G M GODWIN MAgr Assoc State 4-H Club Agt	12J F GERBER PhD Assoc Prof and Assoc Climatol
3T C GREENAWALT MAgr Asst State 4-H Club Agt	3L K JACKSON MSA
13S E GRIGSBY PhD Prof and Training Spec	3F P LAWRENCE MAgr Citric
3ROBERTA H HALL MS Home Impr Spec (PO	2R H SHARPE MS Hort Peach Nectarine Blueberry
Tallahassee)	Brdg
3MARY H HARRISON MS Consum Educ Spec	2W B SHERMAN PhD Asst Hort Blackberry Plum Brdg
(PO Tallahassee)  3EMILY KING PhD Home Econ Training	12 JAMES SOULE PhD Prof and Hort Citrus Handling
3LORA H KISER BSHE Home Econ Prof Devlpmt	3D P H TUCKER PhD Asst Hort 1W J WILTBANK PhD Asst Prof
3J C McCALL MS Rural Areas Devipmt Spec	1L W ZIEGLER PhD Prof Hort Citrus Mgt and Prod
3E L McCARTNEY MS Health Fduc Spec (PO	.E w Billocalit i no i for flort Office migt and Flor
Tallahassee)	International Programs 2145
3J T McCOWN MAgr Dist Agt	123HUGH POPENOE PhD Dir
3K S McMULLEN MAgr Dist Agt	123J C DICKINSON PhD Asst Dir
3BETTY SMIFFLIN MS Asst State 4-H Club Agt	
3RUTH L MILTON MS Assoc State 4-H Club Agt	Library 2150
3VERVIL L MITCHELL MS Home Mgt and Fam	123FLEMING BENNETT BSLS Assoc Libr
Econ Spec	123ANNE M HUFFMAN MS Asst Libr
3F S PERRY MAgr. Dist Agt	123A C STRICKLAND MS Asst Libr
3W J PLAT', Jr MSA Dist Agt 3W H SMITH MAgr Rural Areas Devlpmt Spec (PO	123JANIE L TYSON Asst Libr 123W B WEAVER MS Asst Libr
Live Oak)	173M D MEWAEU MO WRRI FIDE
*****	

FLORIDA 2160-2240

Ornamental Horticulture	2160	Vegetable Crops—Continued
123E C ROBERTS PhD Prof Ornam Hort and Chmn of Dept	f	12S J LOCASCIO PhD Assoc Prof and Assoc Hort 12A P LORZ PhD Prof and Hort
3T E ANDERSON BS Asst in Ornam Hort		3M E MARVEL MS Assoc Veg Crops Spec
3C A CONOVER MS Asst Prof Ornam Hort Flor		3JAMES MONTEL ARO PhD Veq Crops Spec
12R D DICKEY MSA Prof Ornam Hort Nursery		12V F NETTLES PhD Prof and Hort
12G C HORN PhD Prof Ornam Hort Turf		3J M STEPHENS MSA Asst Veg Crops Spec
12J N JOINER PhD Prof Ornam Hort Flor 3E W McELWEE PhD Prof Ornam Hort Nursery		12B D THOMPSON PhD Prof and Hort
2S E McFADDEN Jr PnD Asst Prof Ornam Nursery	,	Veterinary Science 223
3H G MEYERS MSA Asst Prof Ornam Hort Turf		12G T EDDS DVM PnD Prot Vet Sci and Chmn of Dept
12T J SHEEHAN PhD Prof Ornam Hort Flor		12R E BRADLEY DVM PhD Asst Prof and Asst Parasito.
12C E WHITCOMB MS Res Assoc Nursery		2P T CARDEILHAC DVM PhD Assoc Pharmacol 12J A HIMES DVM PhD Asst Prof and Asst Pharmacol
Plant Pathology	2170	2C A HOLDEN MS Asst in Microbiol
123L H PURDY PhD Prof Plant Path and Chmn of De		3G W MEYERHOLZ DVM Vet
2A A COOK PhD Plant Path		12F C NEAL DVM MS Assoc Prof and Assoc Vet
2PHARES DECKER PhD Prof Plant Path		12C F SIMPSON DVM PhD Prof and Path 2W M TAYLOR DVM MS Asst Microbiol
2T E FREEMAN PhD Assoc Plant Path 25H H LUKE PhD Plant Path		2F H WHITE PhD Bact
2C R MILLER PhD Asst Plant Path		
2H N MILLER PhD Plant Path		Branch Stations and Field Laboratories 2240
3R S MULLIN PhD Plant Path		Big Bend Hort Lab (Box 539 Monticello) 32344
2D E PURCIFULL PhD Asst Virol		2H W YOUNG PhD Assoc Hort and Head 2W J FRENCH PhD Asst Plant Path
12D A ROBERTS PhD Prof and Plant Path 12R E STALL PhD Assoc Prof and Assoc Plant Pa	th	25J T RAESE PhD Asst Plant Physiol
2F W ZETTLER PhD Asst Virol		2W H WHITCOMB PhD Ent
		Brooksville Beef Cattle Res Sta 33512
Poultry Science	2190	25W C BURNS MS Asst Anim Husb and Head Central Florida Expt Sta (PO Sanford) 32771
123R H HARMS PhD Prof Poultry Nutr and Chmn of Dept		2J F DARBY PhD Plant Path and Head Dis Vea
12B L DAMRON PhD Asst Prof and Asst Nutr		2R B FORBES PhD Assoc Soils Chem Veg Crops
12J L FRY PhD AssocProf and Assoc Poultry Prod	d Tech	2G L GREENE PhD Asst Ent
3L W KALCH MAcr Asst Poultry Husb		2H L RHOADES PhD Assoc Nematol Vea Crops 2W T SCUDDER PhD Assoc Hort Herbicides
3J S MOORE MSA Poultry Husb 3A W O'STEEN BS Random Test Supvr		2J O STRANDBERG PhD Asst Plant Path
12H R WILSON PhD Assoc Prof and Assoc Poultry		2P J WESTGATE PhD Hort Veg Crops
Physiol		Citrus Expt Sta (PO Lake Alfred) 33850  2H J REITZ PhD Hort and Head
Soils	2200	2L G ALBRIGO PhD Asst Hort
123C F ENO PhD Prof Soil Microbiol and Chmn of De		2C A ANDERSON PhD Asst Soils Chem
12W G BLUE PhD Prof and Biochem Soil Fert		26C D ATKINS BS Chem
2H L BRELAND PhD Assoc Soil Chem		26J A ATTAWAY PhD Assoc Chem 26H W BARRON BA Asst in Chem
12R E CALDWELL PhD Assoc Prof and Assoc Soil Chem		26J G BLAIR BSM.: Assor Mech Engin
12V W CARLISLE PhD Assoc Prof and Assoc Soil (	Chem	2R F BROOKS PhD Assoc Ent
Soil Fert		26G E BROWN PnD Asst Plant Path
IS N EDSON MS Assoc Prof Soils		2R C BULLOCK PhD Assoc Ent (PO Ft Pierce) 2D V CALVERT PhD Asst Soils Chem (PO Ft Pierce)
12J G A FISKELL PhD Prof and Biochem Soil Fert 2J F GAMBLE PhD Int Assoc Soil Chem		2MORTIMER COHEN PhD Assoc Plant Path (PO Ft
2NATHAN GAMMON Jr PhD Soil Chem		Pierce)
12L C HAMMOND PhD Prof and Soil Phys		26G E COPPOCK MS Assoc Agr Engin
3J H HERBERT Jr MSA Asst Soil Conserv		26M H DOUGHERTY BS Asst Chem Engin 2E P DuCHARME PhD Plant Patn
2C C HORTENSTINE PhD Asst Soil Chem 2R G LEIGHTY BS Assoc Soil Surv		2G J EDWARDS BA Res Assoc
2R S MANSELL PhD Asst Soil Phys		2A W FELDMAN PhD Plant Path
2T C MATHEWS BSA Asst Soil Surv		26P J FELLERS PhD Asst Food Tech
3JAMES NeSMITH PhD Soil Spec 2WL PRITCHETT PhD Soil Chem Fert		2FRANCINE E FISHER MS Asst Plant Path 2H W FORD PhD Hort
2W K ROBERTSON PhD Chem Soil Fert		2H B GRAVES Jr PhD Res Assoc
12D F ROTHWELL PnD Assoc Prof and Assoc Soil		2WILLIAM GRIERSON PhD Hort
Microbiol		2R W HANKS PhD Asst Plant Physiol 2F W HAYWARD PhD Assoc Biochem
12D O SPINKS PhD Prof and Soil Chem		2PAMELA K HEARON BS Asst Libr
2L G THOMPSON Jr PhD Soil Chem 2G M VOLK PhD Soil Chem		25S L HEDDEN MS Asst Agr Engin
2H W WINSOR BSA Asst Chem Soil Fert		2RUDOLPH HENDERICKSON BS Assoc Chem
2T L YUAN PhD Assoc Chem		26E C HILL BSA Assoc Bact 26H L HUGGANT ES Assoc Chem
e	2210	2R B JOHNSON PhD Ent
Statistics 1WILLIAM MENDENHALL PhD Prof Statis and	2210	2J W KESTERSON MS Chem
Chmn of Dept		2L C KNORR PhD Plant Path 2R C KOO PhD Assoc Hort
2JOHN CORNELL MS Asst Prof Statis		25D H LENKER MS Asst Agr Engin
12F G MARTIN PhD Assoc Prof and Assoc Statis		2C D LEONARD PhD Hort
2J T McCLAVE MS Res Assoc Statis 2J I THORNBY PhD Asst Statis		2S K LONG PhD Asst Indus Bact
_ Indiana. No indicate		26M D MARAULJA BS Asst in Chem 26A A McCORNACK MS Asst Hort
Vegetable Crops	2220	26E L MOORE PnD Chem
123F S JAMISON PhD Prof Veg Crops and Chmn of D	)ept	2M H MUMA PhD Ent
2D D GULL PhD Assoc Hort 2L H HALSEY MSA Asst Hort		2W F NEWHALL PhD Biochem

2240 FLORIDA

#### Branch Stations and Field Laboratories-Continued

26M F OBERBACHER PhD Assoc Plant Physiol

2R W OLSEN BS Biochem

2R L PHILLIPS PhD Asst Hort

2A P PIERINGER PhD Asst Hort

2R L REESE PhD Asst Hort

2A H ROUSE MS Pectin Chem

2W A SIMANTON PhD Ent 2IVAN STEWART PhD Biochem

2R F SUIT PhD Plant Path

2A C TARJAN PhD Nematol

26S V TING PhD Assoc Blochem

2F W WENZEL Jr PhD Chem
2T A WHEATON PhD Asst Hort
2J O WHITESIDE PhD Assoc Plant Path

2J D WHITNEY PhD Asst Agr Engin

26W C WILSON MSA Asst Plant Physiol

26R W WOLFORD MA Assoc Chem

Everglades Expt Sta (PO Belle Glade) 33430

2D W BEARDSLEY PhD Anim Nutr and Head

2R J ALLEN Jr PhD Asst Agron Pasture Grasses 2R D BERGER PhD Asst Plant Path Vea Crops

25R D BLACKBURN MS Assoc Agron Submersed Weed

Control (PO Ft Lauderdale)

2H I BORDERS PhD Assoc Plant Path Veg Dis (PO Ft Lauderdale)

2H W BURDINE PhD Assoc Soils Chem Veg Crops Nutr

2E O BURT PhD Assoc Turf Tech (PO Ft Lauderdale) 2T W CASSELMAN M3 Asst Agr Engin Feed Harving and

Proc

25J E CLAYTON MS Assoc Agr Engin Sugarcane

2J R CROCKETT PhD Asst Anim Genet

2W W DEEN Jr MS Asst Agr Engin Veg Harving

2G J GASCHO PhD Asst Prof of Crop Nutr

2W G GENUNG MS Assoc Ent Veg Crops

2V E GRI EN Jr PhD Agron Corn and Sorghum

2V L GUZMAN PhD Hort Veq Crops

2B W HAYES PhD Asst Anim Nutr Beef Cattle

2N C HAYSLIP BSA Ent Veg Crops (PO Ft Pierce)

2M J JANES PhD Asst Ent Veg Crops

2A E KRETSCHMER Jr PhD Agron Pastures (PO Ft Pierce)

2F LeGRAND MS Asst Agron Suggregate

2J R ORSENIGO PhD Hort Weed Control

2H Y OZAKI PhD Assoc Hort Veg Crops (PO Ft Lauderdale)

2G H SNYDER PhD Asst Soils Chem Turf Ornam Veg

25W H SPEIR Asst Hydrol Engin Water Sheds (PO Ft Lauderdale)

25K K STEWARD PhD Asst Plant Physiol Aquatic Weeds (PO Ft Pierce)

25E H STEWART MS Assoc Soil Physiol Soil Sci (PO Ft Lauderdale)

2T L STRINGFELLOW PhD Asst Ent Ornam (PO Ft Pierce)

25L W WELDON PhD Assoc Agron Submersed Weed Control (PO Ft Lauderdale)

25H D WHITTEMORE BSAE Assoc Agr Engin Sugarcane

2J A WINCHESTER PhD Assoc Nematol Veg Crops and Sugarcane

2E A WOLF MS Hort Veg Brdg

Gulf Coast Expt Sta (PO Bradenton) 33505

2J W STROBEL PhD Assoc Plant Path and Head Veg Brdg

2E E ALBREGHTS PhD Asst Hort Veg Nutr (PO Dover)

2C H BLAZQUEZ PhD Asst Plant Path Veg (PO Immokalee)

2D S BURGIS MSA Asst Hort Veg Weed Control 2A W ENGELHARD PhD Assoc Plant Path Cut

Flowers 2P H EVERETT PhD Assoc Soil Chem Veg Nutr

2C M GERALDSON PhD Assoc Soils Chem Veg Nutr

2C M HOWARD MS Asst Plant Path Veg

2J P JONES PhD Assoc Plant Path Veg

2E G KELSHEIMER PhD Ent Veg Ins

(PO Immokalee)

2R O MAGIE PhD Plant Path Cut Flowers

Branch Stations and Field Laboratories-Continued

25F J MAROUSKEY PhD Asst Ornam Hort Post Harvesting Physiol

2AMEGDA J OVERMAN MS Asst Soil Microbiol Nematode Control

2S S WOLTZ PhD Assoc Plant Physiol Cut Flowers

North Florida Expt Sta (PO Quincy) 32351 2W H CHAPMAN MS Agron and Head

2J B AITKEN PhD Asst Hort

2F S BAKER Jr MSA Anim Husb

25D R DAVIS AB Asst Meteorol
2C E DEAN PhD Assoc Agron Shade Tobacco

2R R KINCAID PhD Plant Path Shade Tobacco 2R W LIPSCOMB MS Assoc Agron Peanuts (PO

Marianna)

2W C RHOADES MS Ent

2F M RHOADS PhD Asst Soils Chemist Shade Tobacco

2W B TAPP AN MSA Asst Ent Shade Tobacco

Potato Invest Lab (Box 728 Hastings) 32045

2D R HENSEL PhD Assoc Soils Chem and Head Vea

2J R SHUMAKER PhD Hort Veg Varieties 2R B WORKMAN PhD Assoc Ent Veg

Range Cattle Expt Sta (PO Ona) 33865

2H L CHAPMAN PhD Anim Nutr and Head

2C L DANTZMAN PhD Asst Soils Chem Soil Fert

2E M HODGES PhD Agron Pasture and Forage Crops
2J E McCALEB PhD Assoc Agron Forage Crops

2F M PEACOCK MS Assoc Anim Husb Beef Cattle

Ridge Ornam Hort Lab (PO Abopka) 32703
2W E WATERS PhD Assoc Hort and Head

Subtropical Expt Sta (PO Homestead) 33030

2R A CONOVER PhD Plant Path and Head Veg and Subtropical Fruits

2R M BARANOWSKI PhD Assoc Ent Systemic Insecticides and Parasites

2H H BRYAN PhD Asst Hort Veg

2C W CAMPBELL PhD Assoc Hort Subtropical Fruits

2R W HARKNESS PhD Assoc Chem Herbicide 2S E MALO PhD Asst Hort Subtropical Fruits

2R B MARLATT PhD Assoc Plant Path Ornam Dis 2R T McMILLAN PhD Asst Plant Path Veg and Subtropical Fruits

2P G ORTH PhD Asst Soils Chem Veg and Subtropical Fruits

2D O WOLFENBARGER PhD Ent Veg and Subtropical Fruits

2T W YOUNG PhD Hort Subtropical Fruits

Suwannee Valley Expt Sta (PO Live Oak)

2H W LUNDY BSA Assoc Agron and Head 2G R HOLLIS PhD Asst Anim Nutr

Watermelon and Grape Invest Lab (PO Leesburg) 32748

2J M CRALL PhD Plant Path and Head

2W C ADLERZ PhD Assoc Ent 2CARLOS BALERDI PhD Asst Hort Grapes and Peaches

2C H CURRAN DSc Ent Diptera

2J A MORTENSEN PhD Asst Genet Grape Brdg and Genet

2N C SCHENCK PhD Assoc Plant Path

Weather Forecasting Serv (PO Box 1068 Lakeland) 33802 5W O JOHNSON BS Meteorol and Head

5J G GEORG BS Asst Meteorol

5L L BENSON BS Asst Meteorol 5G R DAVIS BS Asst Meteorol

5R H DEAN Asst Meteorol

5R M HINSON BS Asst Meteorol

5G W LEBER Asst Meteorol 5W F MINCEY Asst Meteorol

50 N NORMAN BS Asst Meteorol

5R T SHEROUSE Asst Meteorol 5W R WALLIS BS Asst Meteorol

5H E YATES Asst Meteorol West Florida Expt Sta (PO Rt 3 Jay) 32565

2C E HUTTON PhD Soils Chem and Head Fert and Mat

2J E BERTRAND PhD Assoc Anim Sci Large Anim

2L S DUNAVIN Jr PhD Assoc Agron Pasture and Forage Crops

2M C LUTRICK PhD Assoc Soil Chem Fert and Mat

2R L SMITH MS Assoc Agron Field Crops

#### FLORIDA-GEORGIA

School of Agriculture and Home Economics of the Florida Agricultural and Mechanical University. Tallahassee 32307

1College Staff 3Extension Staff 4Leave of Absence

#### 2260

2270

2280

2300

2320

16 I GORE Jr PhD Pres of Univ (904-222-8030) 1B L PERRY Jr PhD Dean of Admin IH R PARTRIDGE MS Bus Mor 1M C RHANEY PhD Dean of Academic Affairs IC E WALKER PhD Dean of Sch of Agr and Home Econ (904-222-8030)

Agricultural Science and Education

INATHANIEL SAYLOR MS Head of Dept IW L BATE MS Assoc Prof Poultry Indus 1L E EVANS PhD Prof Anim Husb 1J J FRANKLIN MS Assoc Prof Hort 1T T LEWIS MS Assoc Prof Hort

Extension Service

3V L LLKINS MEd Area Prog Spec (904-222-1223)

Home Economics

1Mrs CLINITA A FORD PhD Head of Dept 1CHRISTINE R BROWN MS Asst Prof Home Econ Educ 1MODESTE B DUNCAN MS Asst Prof Home Econ 1Mrs EMMA H KITTLES PhD Assoc Prof Cloth and Text 1Mrs CARRIEMAE G MARQUESS PhD Prof Foods and Nutr

1Mrs GENEVIEVE W THOMAS MA Assoc Prof Home Econ Educ 1Mrs DOROTHY J WELLS MS Asst Prof Cloth and Text

Vocational Agriculture and Technology

IW L JOHNSON PhD Head of Dept 4B B ARCHER MS Resident Teacher Trainer

(904-222-8030) 1C L COULTAS PhD Assoc Prof Agron 1J L HEINIS PhD Assoc Prof Bact 1W O MACK MS Asst Prof Farm Mech 1C B OWENS PhD Prof Agron IW L PETERS PhD Assoc Prof Ent

### GEORGIA

College of Agriculture, Schools of Forestry, Home Economics and Veterinary Medicine of the University of Georgia, Athens 30601

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 60ther Govt Agency

#### 2340

123F C DAVISON DVM PhD Pres of Univ (404-542-1214) 123R C ANDERSON PhD Vice Pres for Res (404-542-3360)

123HENRY W GARREN PhD Deam and Coord of Col of Agr 3L W EBERHARDT BSF Dir of Agr Ext (404-542-3924) 1R S WHEELER PhD Dir of Resident Instr (404-542-1611)

2.I H OWEN Dir of Expt Sta (404-542-2376) 127L M JONES DVM PhD Dean of Sch of Vet Med 126A M HERRICK PhD Dean of Sch of For 12MARY SPEIRS PhD Dean of Sch of Home Econ 2F B BROWNE PhD Dir of Col Expt Sta (404-542-3623) 2G B BRASELTON Jr LLB Asst Dir of Expt Sta (404-

2350 Agronomy 12A R BERTRAND PhD Prof and Head of Dept and Chmn

of Aaron Div 5W E ADAMS MS Res Assoc Soil Conserv 5G W BAILEY PhD Res Assoc Soil Chem 12E R BEATY PhD Prof Forge Crops

542-2377)

3P J BERGEAUX MS Assoc Agron Soils and Fert Ext

Agronomy-Continued

12M J BITZER PhD Asst Prof Plant Brda Small Grains 5J E BOX PhD Res Assoc Soil Phys

12A R BROWN PhD Assoc Prof Plant Brda Small Grains
12R H BROWN PhD Assoc Prof Crop Physiol

5R R BRUCE PhD Res Assoc Soil Phys

3L R DUNSON PS Assoc Agron Conserv Ext 12J E GIDDENS PhD Prof Soil Microbiol

3W H GURLEY PhD Asst Agron Grain Crops Ext

5D G HARRIS PhD Res Assoc Soil Phys 3J F. JACKSON PhD Asst Agron Soybean Ext

5W A JACKSON MS Res Assoc Chem

3JASPER JERNIGAN PhD Assoc Agron Cotton Ext (Tifton)

3J R JOHNSON BS Prof and Head Agron Ext

5R A LEONARD PhD Res Assoc Soil Chem

3H C LOWERY MS Asst Agron Seed Ext

12R A McCREERY PhD Assoc Prof Soil Chem 3J F McGILL MS Asst Agron Peanut Ext (Tifton)

3R L MILES MS Res Assoc Tobacco (Tifton)

3J F MILLER PhD Asst Agron Weed Control Ext 12H D MORRIS PhD Prof Soil Fert

5.J. F. PALLAS Jr PhD Res Assoc Plant Physiol

5S B PARKMAN PhD hes Assoc Seed Technol 5C L PARKS PhD Res Assoc Soil Sci

12H F PERKINS PhD Prof and Dir Soil Testing Lab

Soil Sci

2H H POWELL Farm Foreman

3CHARLES ROLAND MS Asst Agron Tobacco Ext (Tifton)

6W A SELL MS Asst Prof TVA Prog Supt Ext 3W I SPEARS MS Instr Area Ext Agron

12J B WEAVER Jr PhD Asst Prof Plant Brda Cotton 5W A WHITE MS Res Assoc Soil Chem

5S R WILKINSON PhD Res Assoc Forage Chem

Animal Science 2360

1237R A LONG PhD Prof and Head of Dept of Anim Sci and Chmn of Div Nutr

1H B HENDERSON MS Prof and Head Dairy Dept Mfa

2N W CAMERON MS Instr Dairy Sci

12C M CLIFTON PhD Assoc Prof Dairy Mat

IS L COLEY BS Farm Foreman Anim Sci Beef Cattle 3G E CONATSER MS Instr Ext Anim Sci

3M K COOK MS Instr Ext Anim Sci

12A E CULLISON PhD Prof Anim Nutr Beef Cattle 30 G DANIEL PhD Prof and Head Ext Anim Sci

10 T FOSGATE PhD Prof Dairy Sci

1P R FOWLER BS Farm Foreman Dairy Sci 1R D GROOMS MS Instr Anim Sci

3C J JARKETT MS Asst Ext Duiry sci 1A D JOHNSON PhD Asst Prof Anim Sci Physiol Reprod

1J W LASSITER PhD Assoc Prof Anim Nutr

1M L LOEWENSTEIN PhD Prof Dairy Mfg 12A M LYNN BS Farm Foreman Anim Sci Swine

3J N MADDUX MS Asst Ext Dairy Sci 1J H MARTIN PhD Asst Prof Dairy Sci

1J V MASON MS Asst Chem Anim Sci Lat

3W H McKINNEY M.3 Asst Ext Dairy Sci

3D R RAMAGE PhD Asst Ext Anim Sci

1R D SCARTH PhD Asst Prof Anim Sci

12R W SEERLEY PhD Assoc Prof Anim Nutr Swine

13 J SPEAK MS Asst Prof and Supt Creamery Mfg 3C M TRIPLETT MS Asst Ext Anim Sci (Tifton)

1C S WARD MS Farm Foreman Anim Sci

3H K WELCH Jr MSA Assoc Prof and Head Ext Dairy

3J P WEST MS Asst Ext Anim Sci (Tifton)

#### Botany (Arts and Sci)

IM S FULLER PhD Prof and Head Bot Dept Mycolay

1E G BECK PhD Assoc Prof Physiol 1C L BROWN PhD Prof Physiol

1T R BRYANT PhD Asst Prof Cytochem

IW M CARLTON PhD Assoc Prof Anat 1.J R COLEMAN PhD Asst Prof Taxon

IW H DUNCAN PhD Prof Taxon

1J A EDMISTEN PhL Asst Prof Ecol 1J L HINDMAN PhD Assoc Prof Morphol

1C W JAMES PhD Assoc Prof Taxon

2370

2370-2450 GEORGIA

Botany (Arts and Sci)—Continued	Engineering (Agr)—Continued
1S B JONES PhD Asst Prof Taxon	12J L CHESNESS Assoc Prof
IGARY KOCHERT PhD Asst Prof Algol	5R E CHILDS BSIE Res Assoc Syst Engin
IJ T McGINNIS PhD Asst Prof Ecol	12R L CLARK PhD Asst Prof Phys Prop 3P A CRAWFORD Jr MASE Assoc Prof and Head Agr Engin Ext
1B E MICHEL PhD Prof Physiol 1C D MONK PhD Assoc Prof Ecol	5W R FORBUS Ir BSIE Res Assoc Syst Engin
1G L PLUMMER PhD Prof Ecol	3H P GOOLSBY MSAE Ext Engin Power and Mach
IN G SANSING PhD Asst Prof Physiol	1R R HARRIS Phil) Assoc Prof Agr Relat
1J J WESTFALL PhD Prof Cytogenet	5B C HAYNES Jr MSAE Res Assoc Structures
	1G F HENDERSON BSAE Prof Dir AAAE & VA
Chemistry (Arts and Sci) 2380	5W C HULBURT MS Res Assoc Mach
1S W PELLETIER PhD Prof and Head of Dept Organic	3W E HUSTON MSAF. Fxt Engin Soil Conserv
1C H STAMMER PhD Assoc Prof Organic	12B D McLENDON BSAE Instr Electronic
Economics (Agr) 2390	1W H PARADY ESAE Tech Ed 12J S PERRY PhD Assoc Prof Food Engin
3T D AARON PhD Assoc Prof and Head Mktg Ext	1W B RATTERREE PhD Prof Theory & Applied Mech
3G L ALLMOND MS Instr Resource Div Spec	2M J REED MSAE Res Asst Prod Handling
3F BOYD ANDREWS MS Instr Area Resource Spec	12C E RICE PhD Assoc Prof Power and Mach
1237S J BRANNEN PhD Prof and Head of Dept of Agr Econ	12P D RODGERS MSAE Assoc Prof Thermo Engin
and Chmn of Div Mat	Peanut Mech
3H O BAXTER MF Instr For Mktg	3L E SAMPLES MSAE Instr Ext Engin Peanut Mech
12E E BROWN PhD Prof Mktg Devlumt	3W E SEIGLER MSAE Instr Ext Engin Cotton
4R E BROWN MS Ext Econ 3C J COX MS Asst Prof Poultry Mktg Spec	5A D SHACKELFORD BSAE Res Assoc Prof Prod Handling
12L H DAVIS PhD Asst Prof Prod Econ and Foreign Agr	5J W SIMONS MSAE Res Assoc Structures
3J A DEMONS BS Spec Agt Hural Area Devipint	1G W SMITH Jr BS Art Dir 12P E SMITH PhD Assoc Prof Electronics
30 S FOWLER MF Instr For Util Spec	2J C STEPHENS MSAE Res Assoc Soil Conserv
12T L FRAZIER MS Asst Prof Mktg	1J H TURNER MSAE Fingin Ed
3ROBERT S GLOVER PhD Assoc Prof Ext Mktg Spec	12H D WHITE MSAE Prof Prod Handling
Agribusiness	12J D WILSON PhD Asst Prof Environ Engin
3W I GOLDEN MS Farm Mat Asst Prof	
3W D HARRELL MAE Asst Prof Head Resource	Entomology 2430
Devipmt	12H O LUND PhD Prof Ent and Head of Dept
3AUGUSTS HILL ISA Ext Agr Agt  12R P HILL PhD Assoc Prof Agr Policy	12W T ATYOE PhD Prof Taxon 12M S BLUM PhD Prof Physiol
3JOSIAH HOSKINS Jr PhD Asst Prof Ext Resource Spec	12U E BRADY PhD Asst Prof Physiol Toxicol
5H B JONES MS Prof Mktg	3V R COLEMAN MS Asst Prof Ext Ent
2M G LaPLANTE PhD Asst Prof Likta	12D A CROSSLEY Jr PhD Prof Ecol and Acarol
5W C McARTHUR PhD Prof Mgt	12ROBERT DAVIS Phil Asst Prof Fool
12J W NIXON PhD Asst Prof Econ Devlomt	12R T FRANKLIN PhD Asst Prof For
12R M NORTH PhD Asst Prof Econ Devlpmt	3J C FRENCH MS Asst Prof Ext Ent (Tifton)
12R E PROCTOR PhD Prof Emeritus Prod Econ	3E DHARRIS Jr FhD Assoc Prof Ext Ent
3J A RABURN MSA Ext Bus Aut Spec Asst Prof 12F B SAUNDERS PhD Prof Prod Econ	12H R HERMANN Jr PhD Asst Prof Morphol
3C E SHERARD BS Spec Agt Mktg	2C M HIMEL PhD Prof Biochem Physiol
30 C SMITH MS Asst Prof Farm Mat	12P E HUNTER PhD Assoc Prof Acarol 3C R JORDAN Jr PhD Prof and Head of Ent Ext
3R E SMITH MS Assoc Prof Resource Devlpmt	12K L KNIGHT PhD Prof Med and Taxon
12J C THOMPSON PhD Prof Mktg	12R W MATTHEWS PhD Asst Prof Behavior
12J T THORNE MS Instr for Prod Econ	3M P NOLAN MS Lixt Ent
12D E WEISENBORN PhD Asst Prof Mktq	12J HOLIVER Jr PhD Assoc Prof Cytogenet
12F W WILLIAMS PhD Assoc Prof Mktq	12J J PAUL PhD Asst Prof Toxicol
3J L WILLIAMS PhD Asst Prof Dairy Mktq	12C H TSAO PhD Assoc Prof Physiol
3E W WILSON MS Indus Engin Agri business Instr 12J O WISE PhD Asst Prof Mgt	12J B WALLACE PhD - Asst Prof Larvae and Aquatic Ins 12A B WEATHERSBY PhD - Prof Med
125 O WILL PRID PASSEPTOLINGE	3HERBERT WOMACK MS Ext Ent-Cotton (Tifton)
Editorial and Publications 2400	3 TEMBERT WOMACK WES - Ext Eng-Cotton (TITton)
3J P CARMICHAEL MSA Prof Educ and Chmn of Div	Extension Administration 2450
3V E ADAMS MA Asst Ed-News	3HENRY W GARREN PhD Dean and Coord
3R D BROOKS Jr ABJ Ext Ed Radio-TV	3L W EBERHARDT Jr BSF Dir and Prof
2S L BURGESS MA Exp Sta Ed	3G Y DUKE MS Asst Dir and Assoc Prof
3R J COFER MA Instr Pub	3C R O'KELLEY MSA Prof and Asst Dir
2R MICHAEL HARDISON PAJ Exp Star Asst Fd 3DON JOHNSON Asst Ed-News	3EDDYL ROSS MSHE Prof and State Home Econ Ldr
3B ROLAND McELROY AB Spec Agt Radio-TV	3T L WALTON EdD Prof and State 4-H Club Ldr 3T ELION BELL Spec Agt Admin Serv
3J A SMITH Asst Ed Vis Educ	3J R CARR MS Instrand Dist 4-H Ldr
3R F TANNER MA Ext Ed Radio-TV	3H E CHASTAIN BSA Asst Prof and Dist Agt Chmn
	3BARBARA J COGBURN MA Ext Instr and Asst 4-H Ldr
Education 2410	3HAROLD DARDEN MEd Assoc Prof and Assoc State
1G L O'KELLEY Jr PhD Prof	4-H Ldr
1A O DUNCAN MSEd Assoc Prof	3G M DAVIS BSA Instr Dist 4-H Ldr
Engineering (Agr) 2420	3TALMADGE C DuVALL BSA Asst Prof Dist Agt Chmn 3BYRON DYER MSA Assoc Prof and Dist Agt Chmn
12R H BROWN PhD Prof and Head of Dept and Chmn of	3MARIAN FISHER BSHE Asst Prof and Dist 4-H Leader
Div Electronic	3F W FITCH Jr MS Asst Prof and 4-H Club Ldr
1J M ALLISON MSAE Asst Prof Gen Engin	(Rock Eagle)
5A P BARNETT MSAE Fes Assoc Soil Conserv	30 E GRIMES MAgr Ext Instrand Dist Agent Chmn
5A H PENNETT MSAE Res Assoc Proc	3Mrs ANTOINETTE JOHNSON BSHE Asst Prof Dist Agt
12L W BONNICKSEN PhD Prof Structures	Home Econ
12CARLISLE COBE Jr MSAE Assoc Prof Soil Conserv 6H S CARTER MA Res Assoc Climatol USDC	3CECIL JOHNSON BSA Asst Prof and 4-H Ldr (Bock Eggle)

Extension Administration-Continued

3Mrs MARTHA H JONES MS Assoc Prof and Dist Aat Home Econ

3J J LANCASTER EdD Prof and Head Ext Educ 3M C LITTLE MS Instrand Asst 4H Ldr 14RHONWYN LOWRY MEd Assoc Prof and Assoc State

4-H Ldr

3Mrs HAZEL MALONE MSHE Asst Prof and Dist Aat Home Econ 3CARRIE B POWELL BSHF. Instrand Asst 4-H Ldr 3Mrs ADDIE R POWERS BSHE Asst Prof and Dist Agt

Home Econ

3J W ROBERTSON MAg Ext Asst Prof and Dist 4-H Ldr 3H F SHURLING MAE Asst Prof and Dist Aat Chmn
3SUE STANFORD MS Asst Prof and Dist Aat Home Econ 3Mrs ETTA THOMPSON BSHE Asst Prof Asst State 4-H Club Ldr

3L T TORRANCE MS Asst Prof and Dist Agt Chmn 3ROBERT F TOWNS GGA Admin Asst 3P C BUNCE MS Ext Mat Inform Spec

Food Science

2460

12J AYRES PhD Prof of Food Sci and Head of Dept and Div Chmn

12J A CARPENTER PhD Assoc Prof Sci

5J A CHRISTIAN PhD Asst Prof and Head Ext Food Sci

12H S FELLAND PhD Asst Prof Food Sci

12W P FLANAGAN Meat Lab Supvr 12M K HAMDY PhD Prof Food Sci

12D A LILLARD PhD Assoc Prof Food Sci 12T NAKAYAMA PhD Assoc Prof Food Sci

12J J POWERS PhD Prof Food Sci

12R L SAFFLE PhD Prof Food Sci

12C J B SMIT PhD Prof Food Sci

Forestry (Col of Agr)

2470

3J D ALMAND MF Instr Ext Wildlife Spec 3C N BRIGHTWELL MF Asst Prof Ext For 3C D DYER MF Prof and Head Ext For Dept

3B R MURRAY MF Asst Prof Ext For 3G D WALKER MF Instr Ext For 3F J WARREN MF Instr Ext For

Forest Resources, School of

2480

126A M HERRICK PhD Prof and Dean of Sch Mat

5M APPLEFIELD MSF Assoc Wood Sci 12J R BECKWITH III MF Asst Prof Util

12J E BETHUNE PhD Asst Prof Mgt

5R F BLOMQUIST PhD Prin Wood Sci

12C L BROWN PhD Prof Genet and Physiol 5W C BRYAN MS Plant Path

5W A CAMPBELL PhD Prin Plant Path 5B E CARPENTER MC Util and Mktg Spec

2C W J CHANG PhD Post-doctoral Fellow Chem

5ALEXANDER CLARK III MS Assoc Wood Sci

6J P CLUGGSTON MS Asst Ldr Coop Fish Unit USDI

12J L CLUTTER DF Assoc Prof Mgt

5H E DICKERHOOF MS Indus Econ

5J E DUFF MF Assoc Wood Sci

5D L DWINDELL PhD Assoc Plant Path

12P J DYSON PhD Assoc Prof Util

5B H EBEL MS Assoc Ent

5C A FASICK PhD Res For

12C H FITZGERALD PhD Asst Prof Physiol

12J C FORTSON MS Asst Prof Mat

6AC FOX PhD Ldr Coop Fish Unit USDI 12R T FRANKLIN PhD Asst Prof For Ent

5L I GABY MF Assoc Wood Sci 2J T GREENE PhD Assoc Prof Genet

12L A HARGREAVES Jr PhD Prof Mgt

12J D HEWLETT PhD Assoc Prof For Hvdrol

5D D HOOK MS Res Plant Physiol 12M T HUISH MS Asst Prof Fish Biol 5A F IKE Jr MS Res Soil Sci

2K N IYER PhD Post-doctoral Fellow Chem

12D J JANES MS Instr For Mat

12J H JENKINS PhD Prof Wildlife 12P L JOHNSON PhD Assoc Prof Silvic

12R W JONES PhD Asst Prof Mgt

5P P KORMANIK MS Assoc Silvic 12S C LAMPHEAR MEd Instr For Recreation

Forest Resources, School of-Continued

5J D LAWRENCE MS Res For

12T L LINTON PhD Asst Prof Marine Fish 12R L MARCHINTON PhD Asst Prof Wildlife

5DONALD MARX PhD Plant Path 5F R MATTHEWS MS Assoc Plant Path

12J T MAY PhD Prof Silvic

5R H McALISTER MS For Prod Tech 5R G McALPINE MF Proj Ldr and Prin Silvic

12W T MOSS PhD Asst Prof For Recreation 5J C NORD MF Assoc Ent

12W L NUTTER PhD Asst Prof For Hydrol
1J R PARKER MSF Asst Prof Econ

1A E PATTERSON MSF Prof Mgt

5J H PATTILLO BS Admin Asst 12E E PROVOST PhD Assoc Prof Wildlife

12MERVIN REINES PhD Prof Genet

12J T RICE PhD Assoc Prof Util

5V L ROBINSON MS Assoc Econ

5E W ROSS PhD Assoc Plant Path

5J L RUEHLE PhD Plant Nematol 5G R SAMPSON MS Res For

5J R SAUCIER MS Assoc Wood Sci 5J G SCHROEDER MF Wood Sci

2Mrs LOIS S SHACKELFORD MS Res Statis

12KLAUS STEINBECK PhD Asst Prof Soil and Physiol

5M A TARAS PhD Prin Wood Sci

12S W THACKER BSF Instr Mgt

5G L TYRE MF Resource Anal 5C B VICK MF. Assoc Wood Sci

5C B VICK MF. ASSOC WOOD SET SC D WEBB PhD Plant Genet 5R T WEBB BBC Res Engin 5G R WELCH BS Computer Prog 5H O YATES PhD ASSOC Ent

5C H YOUNGBLOOD MF Assoc Wood Sci

5H F ZORNIG BS Res Arch

Home Economics, School of

1MARY SPEIRS PhD Prof and Dean of Sch (404-542-2551)
1ELIZABETH ARMSTRONG MS Assoc Prof and Head of Cloth and Text

12Mrs BETTY W BAILEY PhD Assoc Prof Housing and Home Mat

3NELLIE BOYD MASHE Assoc Prof Nutr 1FANNY L BROOKE MS Asst Prof Form Devlpmt

T A BURTON EdD Asst Prof Child Devlpmt
W O CASTER PhD Assoc Prof Nutr

1MARY B CLENDENING MS Asst Prof Housing and

Home Mgt

1MARGARET A CURRY MS Instr Child Devlpmt 1Mrs THERRY N DEAL PhD Asst Prof Child Devlpmt 1Mrs DOROTHEA EDWARDS MSHE Asst Prof Housing and

Home Mat

1R C ENDSLEY PhD Asst Prof Child Devlpmt

3Mrs MARGARET GORDON MS Instr Ext Home Econ Human Devlomt

1D F HOBBS PhD Assoc Prof Child Devlpmt and Fam Devlomt

ISARAH B JENKINS MS Asst Prof Housing and Home Mat

1WYNELLE JOHNSON MS Asst Prof Cloth and Text

2D R KEEFE MS Asst Consum Econ 1K B KING PhD Assoc Prof Fam Devlpmt

1MARTHA LaBOON MS Asst Prof Fam Devlpmt
3LORA M LAINE MSHE Asst Prof Fam Econ

IWINNIE F LUFFMAN MSHE Asst Prof Cloth and Text

12Mrs KAREN F McDOUGAL MS Asst Prof Housing 3MARGARET L McINTYRE MSHE Instr Cloth

12 JESSIE J MIZE PhD Prof and Head of Housing and Home Mat

1RUTH MOORE MS Asst Prof Foods

3DORIS M OGLESBY MSHE Assoc Prof Home Impr

1D K OSBORN PhD Prof Child Devlpmt 1J J PEIFER PhD Assoc Prof Nutr

3Mrs ANN J POSTELL MEd Instr Ext Home Econ Limited Resource Form

3FELICIA A RAY MS Instr Home Mgt

1ELIZABETH T SHEERER PhD Prof and Head of Fam Devlomt

1D ANITA SOUTHARD MS Instr Child Devlpmt

2500-2560 GEORGIA

#### Poultry Disease Research Center-Continued Home Economics, School of-Continued IJOYCE A SPIGELMYER PhD Asst Prof Child Devlomt 5W C PATTERSON VMD Res Assoc and Dir Southeast Res Lab ADORD ARS Path 3NELLIE THRASH BSHE Asst Prof Food Preserv 3Mrs RITA H WATERS MSHE Instr Nutr 2D J RICHEY PhD Assoc Poultry Microbiol 1Mrs ELIZABETH L WHITEHEAD MHE Asst Prof Foods 5H S SIEGEL PhD Res Assoc Physiol 1Mrs ANN WILLETT MHE Asst Prof Cloth and Text 5J E WILLIAMS DVM PhD Res Assoc Bact 5H W YODER DVM PhD Res Assoc Bact Horticulture 2510 2550 1237C H HENDERSHOTT Jr PhD Prof Hort and Head of Poultry Science 12M G McCARTNEY PhD Prof and Head of Dept and Dept and Chmn of Div 3J M BARBER MS Instr Fruits and Veg Ext Hort Chmn of Div Genet 30 W CHARLES PhD Asst Prof Ext Poultry Sci (PO Tifton) 3M Y DENDY MS Asst Prof 3HENRY CLAY Jr MS Instr Ornam Hort Ext Hort 2H M EDWARDS PhD Prof Nutr (PO Savannah) 12G A COUVILLON MS Instr Fruit Physiol 12BIRKETT HOWARTH PhD Asst Prof Physiol 3D A HEGWOOD PhD Asst Prof Veg Ext Hort 12T M HUSTON PhD Prof Physiol 2R H LOWE BSA Plant Supt of Southern Regional 2F E JOHNSTONE Jr PhD Prof Fruit Crops 3TROY KEEBLE MS Instr Ext Ornam and Flor Poultry Brdg Proj 5H L MARKS PhD Coord of Southern Regional (Atlanta) 3R L LIVINGSTON MS Assoc Prof and Head Hort Ext Poultry Brdg Proi 2F B PERRY MS Instr Omam 12F A POKORNY PhD Assoc Prof Ornam 12R B RUTLAND PhD Asst Prof Flor 3J H MASSEY MS Assoc Prof and Head Ext Poultry 12R K NOLES PhD Assoc Prof Mat 2W M REID PhD Prof Parasitol 3G F. SMITH MS Asst Prof Flor 12K W WASHBURN PhD Asst Prof Physiol Genet 2DARRELL SPARKS PhD Asst Prof Pecan Physiol 3C D SPIVEY MS Asst Prof Pomol and Greenhouse Veterinary Medicine, School of 2560 Vea 127J M JONES DVM PhD Dean and Dir Inst Compar Med 12J H TINGA PhD Prof Ornam Hort 12H M VINES PhD Prof Post-Harvest Physiol (404-542-3463) IS C ACREE DVM Instr Vet Med and Sura 4M E ADSIT DVM Assoc Prof Vet Med and Surg and 2520 Landscape Architecture Consult 137H B OWENS MA Prof and Head of Dept and Chmn of Div 1R B BARRETT DVM. Assoc Prof Vet Med and Surg 1W E BEERY MLA Asst Prof 1J N HAYNES MLA Asst Prof (Radiol) (ICM) 1R E BEADLE DVM Instr Vet Med and Surg 1T J BELL Jr DVM PhD Prof and Head Vet Anat and 1R J HILL MLA Assoc Prof 1J W LINLEY MFA Assoc Prof Histol (ICM) 1R P NICHOLLS MLA Prof 1D M BLACKMON DVM Assoc Prof Vet Med and Sura 1FRIEDRICH OEHMICHEN MLA Assoc Prof (Large Anim Clin) (ICM) 1L J READER MLA Assoc Prof 1C B BLAIR Jr PhD Assoc Prof Vet Anat and Histol 1A D STAVALL MLA Asst Prof 3T H WILLIAMS MLA Assoc Prof and Head Ext Landsc (Anat) (ICM) 1J M BOWEN DVM PhD Prof Vet Physiol and Arch Pharmacol (Pharmacol) (ICM) 1JOHN BROWN DVM PhD Asst Prof Med Microbiol (ICM) Plant Pathology and Plant Genetics 7W O CASTER PhD Assoc Prof Vet Physiol and 123E S LUTTRELL PhD Prof and Head of Dept and Pharmacol (Physiol) (ICM) Chmn of Div Mycol 1E W CAUSEY DVM Assoc Prof Vet Med and Sura 12G W BIRD PhD Asst Prof Nematol (Small Anim Clin) 5W A CAMPBELL PhD Res Assoc For Path 1W L CHAPMAN DVM MS Asst Prof Vet Path and 3J L CRAWFORD MS Instr Ext Plant Path Parasitol (Path) (ICM) (PO Tifton) 1J E CHRISTY DVM Asst Prof Vet Med and Sura 5L D DWINELL PhD Res Assoc For Path (Large Anim Clin) 12A A FLEMING PhD Prof Plant Brda and Genet Corn 3W N GARRETT PhD Assoc Prof and Head Ext Plant 7M J CORMIER PhD Assoc Prof Biochem (ICM) ILESTER CRAWFORD DVM Instr Vet Physiol and Path Pharmacol (ICM) 12R T HANLIN PhD Assoc Prof Mycol Peanut 1R B DAVIS DVM Asst Prof Med Microbiol (Avian Med) 12F F HENDRIX Jr PhD Assoc Prof Peach Omam Dis 12G M KOZELNICKY MS Asst Prof Turf Dis and Genet (ICM) 1D E DAWE DVM PhD Asst Prof Med Microbiol (ICM) 3C N DOBBINS Jr DVM Assoc Prof Ext Vet 12C W KUHN PhD Assoc Prof Virol Peanut Com 5D H MARX PhD Res Assoc For Path Mycorrhizae 7L S DURE PhD Asst Prof Biochem (ICM) 12S M McCARTER PhD Asst Prof Bact Cotton Dis 3N E McGLOHON PhD Asst Prof Ext Plant Path 7R G EAGON PhD Assoc Prof Med Microbiol (ICM) 1J D EDENS DVM Asst Prof Vet Med and Sura (Large Anim Clin) 12K E PAPA PhD Asst Prof Physiol Genet 12W M POWELL PhD Assoc Prof Nematol Peach Ornam 1A B FEW DVM PhD Asst Prof Vet Anat and Histol 12R W RONCADORI PhD Asst Prof Cotton Dis (Histol) (ICM) 5E W ROSS PhD Res Assoc For Path 1J W FOSTER PhD Prof Med Microbiol (ICM) 5J L RUEHLE PhD Res Assoc For Nematol 1C B GASKINS DVM Instr Vet Med and Surg (Large 12JACK TAYLOR PhD Prof Apple Peach Dis Anim Clin) 3S S THOMPSON PhD Asst Prof Ext Plant Path 12J B GRATZEK DVM PhD Prof and Head Med (P O Tifton) Microbiol (ICM) 12W K WYNN Jr PhD Assoc Prof Physiol 7M K HAMDY PhD Prof Microbiol (ICM) 1W L HANSON PhD Asst Prof Vet Path and Parasitol 2540 Poultry Disease Research Center (Path) (ICM) 2S C SCHMITTLE DVM PhD Prof and Head of Dept 1F A HAYES DVM MS Assoc Prof Vet Path and Path (404-542-1904) Parasitol (Parasitol) (ICM) 5C W BEARD DVM PhD Res Assoc Virol 1P E HOFFMAN DVM Assoc Prof Vet Med and Sura

(Equine Clin)

(Public Health) (ICM)

7H B HOWE PhD Assoc Prof Microbiol (ICM)

1H B HUBBARD DVM MPH Asst Prof Med Microbiol

5L N DRURY MS Res Assoc Electronic

5C D GORDON PhD Res Assoc Genet 5A T HENDRIX MS Res Assoc Mech

5S R HOPKINS BS Res Assoc Virol

2C S EIDSON PhD Instr

2560-2640 GEORGIA

2580

**Branch Experiment Stations** 

#### 1T L HUBER PhD Asst Prof Vet Physiol and Americus Plant Materials Center (PO Americus) Pharmacol (Physiol) (ICM) 2J D POWELL BS Supt and Asst Prof Agron Northwest Ga Br Sta (PO Calhoun) 7F P INMAN PhD Asst Prof Med Microbiol (ICM) 2D D HAYES BS Supt and Assoc Prof Agron Crop Mat 1T J JONES DVM PhD Prof Vet Med and Surg 1HELEN E JORDAN DVM PhD Assoc Prof Vet Path 2N W CAMERO : 113 Asst Pro: Ldr and Instr Dairy Sci 2H L DORTON BS Asst Proj Ldr and Instr Anim Husb 2F. E WORLEY MS Asst Supt and Asst Prof Agr Econ and Parasitol (Parasitol) (ICM) IJ E KITTRELL DVM Asst Prof Vet Med and Surg Southeast Ga Br Sta (PO Midville) (Small Anim Clin) 20 L BROOKS BS Supt and Assoc Prof Agron 1EMMETT KOHLER PhD Asst Prof Vet Physiol and 2C E PERRY MS Asst Supt and Asst Prof Aar Econ Pharmacol (Physiol) (ICM) Southwest Ga Br Sta (PO Plains) IWALTER KORNFELD DVM PhD Assoc Prof Vet 2R B MOSS MS Supt and Asst Prof Agr Econ Physiol and Pharmacol (Physiol) (ICM) 2W J. FIFTH, EDGE LIS - Asst Supt and Instr Aaron 1S S KREUZ DVM Assoc Prof Vet Med and Sura (Large Anim Clin) Georgia Coastal Plain Experiment Station. Tifton 1M C LOVELESS DVM Instr Vet Anat and Histol (ICM) 31794 1P D LUKERT DVM PhD Assoc Prof Med Microbiol (ICM) 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 1College Staff 2Station Staff 1R D McQUEEN DVM PhD Assoc Prof Vet Physiol and Pharmacol (Physiol) (ICM) 7Misc (Military Leave) 7R A McRORIE PhD Prof Blochem (ICM) 1J T MERCER DVM Assoc Prof Vet Med Cont Educ 2590 1F E MITCHELL DVM MS Prof and Head Vet Diag Lab 2F P KING PhD Dir (912-382-5561) Tifton (ICM) 1H C MORGAN DVM MS Assoc Prof Vet Path and 2600 Agronomy Parasitol (Clin Path) (ICM) 23 A PARHAM PS Prof 1J D MORTON DVM Prof and Head Vet Med and Sura 125G W BURTON PhD Genet Grass Brdg (ICM) 2R L CARTER MS Prof Soils IL J NEURAUTER DVM MPH Prof and Assoc Dir Inst 25IAN FORBES PhD Res Agron Legumes Compar Med 25R O HAMMONS PhD Genet Peanuts 12R K PAGE DVM MS Asst Prof Med Microbiol (Avian Med) 2J D HARVEY PhD Instr Cotton 25E W HAUSER PhD Res Agron Chem Weed Control 4EUGENE PAPP DVM PhD Assoc Prof Vet Path and Parasitol (Path) (ICM) 2W H MARCHANT BS Asst Prof Forages 7M J PAYNE PhD Prof Microbiol (ICM) 25J D MILES MS Aaron Tobacco 25W G MONSON PhD Res Agron Grass Brdg 7H G PECK PhD Prof and Head Biochem (ICM) 1J C PECKHAM DVM PhD Assoc Prof Vet Diagnostic 2D D MOREY PhD Assoc Prof Small Grains Lab Tifton (Path) (ICM) 25J B POWELL PhD Genet Grass Brdg 7J L PEIFER PhD Assoc Prof Vet Physiol and 25C M TALIAFERRO PhD Genet Grass Brda Pharmacol (Physiol) (ICM) 2M E WALKER MS Asst Prof Plant Nutr 1P L PIERCY DVM Prof Vet Physiol and Pharmacol and Asst to Dean **Animal Diseases** 2610 7WM REID PhD Prof Vet Path and Parasitol (Parasitol) 25T B STEWART PhD Parasitol Swine (ICM) 2W S WILKINSON PhD Assoc Prof Biochem 7I L ROTH PhD Assoc Prof Med Microbiol (ICM) 2C S SCHMITTLE DVM PhD Prof Med Microbiol and 2620 Animal Science Head Poultry Dis Res Center (ICM) 2W C McCORMICK PhD Prof and Head of Dept 1G W SHANNON DVM Instr Vet Med and Sura 1E B SHOTTS Jr PhD Asst Prof Vet Path and 2H D CHAPMAN Phi Asst Prof 2T M CLYBURN BS Asst Prof Beef and Swine (P O Parasitol (Microbiol) (ICM) Reidsville) 7H E SIEGEL PhD Assoc Prof Vet Physiol and Phar-20 M HALE PhD Prof Swine Nutr macol (ICM) 25T J HARSHBARGER MS Wildlife Biol 1DENNIS SIKES DVM PhD Prof Vet Path (Path) (ICM) 2J C JOHNSON PhD Assoc Prof Dairy 1A J STATTLEMAN Res Assoc Vet Physiol and 25F E KNOX BS Chem Nutr Pharmacol (ICM) 25C E L EWIS MS Range Sci 1W E STONF MS Instr Vet Path and Parasitol Vet 2R L LOWREY PhD Asst Prof Anim Husb Diagnostic Lab Tifton (ICM) 2J T PATTON BS Res Asst Dairy (P O Reidsville) 1R B TALBOT DVM PhD Prof and Head Vet Physiol 25ELTON WHITE BS Range Conserv and Pharmacol (ICM) 1J T TUMLIN DVM MS Assoc Prof Med Microbiol (Avian 2630 Engineering (Agr) Med) (ICM) 2J L SHEPHERD BS Prof and Head of Dept 25J L BUTLER PhD Agr Engin Forage Pelleting 1D E TYLER DVM PhD Prof And Head Vet Path and Parasitol (ICM) 25W W HARF BS Aar Enain Farm Mach 25E A HARRELL MS Agr Engin Farm Mach 1W P VAN ESELTINE PhD Prof Med Microbiol (ICM) 1CLIFFO. D WESTERFIELD DVM MSA Prof Vet Anat and 25R E HELLWIG BS Asst Agr Engin Forage Pelleting 25G E PEARMAN MS Agr Engin Forage Pelleting Histol 1W L WIDDOWSON DVM MS Asst Prof Vet Med and Sura 2J R STANSELL MS Asst Prof Farm Mach (ICM) 25A W THOMAS MS Agr Engin Soil and Water Conserv 1D J WILLIAMS DVM MS Assoc Prof Vet Med and Sura 2B L TYSON MS Asst Prof Farm Mach (ICM) 257E J WILLIAMS MS Agr Engin Forage Pelleting 7W L WILLIAMS PhD Prof Biochem (ICM) 2640 Entomology 25M C BOWMAN BS Res Chem Ins Residues Miscellaneous 2570 25R L BURTON MS Ent Plant Pests 1D L BARKER PhD Assoc Prof Librs and Libr Syst 25P S CALLAHAN PhD Ins Morphol and Ecol 2T D CANERDAY PhD Assoc Prof Ent Anal and Sci Libr

Veterinary Medicine, School of-Continued

1FLORRIE B JACKSON MALS Instrand Asst South Br

1HELEN V MICHAELIS BALS Asst Prof Libr and

Libr

South Br Libr

2R B CHALFANT PhD Asst Prof Veg Ins Control

2J H GIRARDEAU Jr MS Asst Prof Tobacco Ins Control

25L J EDWARDS PhD Res Ent Ins Physiol

2640-2815 GEORGIA

Entomology—Continued	Agronomy-Continued
25D B LEUCK MS Ent Ins Residues	2L S JONES BS Asst Prof Soil Chem
25W W McMILLIAN MS Ent Ins Biol	2JB MELIN BSA Res Asst
2L W MORGAN MS Asst Prof Peanut Ins Control	2J P NEWTON BS Asst Prof Crop Prod
25J A PAYNE PhD Res Ent Stored Grains	25H A PEACOCK PhD Res Agron Cotton Brdr
25L M REDLINGER MS Ent Stored Grains 25A A SEKUL PhD Bio-Chem Ins Aats	2R E WILKINSON PhD Assoc Prof Chem Weed Control 2G L WILSON BSA Res Asst
25A N SPARKS PhD Ent and Acta Dir Southern Grain	ZG L WILDON DOA Nes Asst
Ins Lab	Animal Science 2730
25J W SNOW PhD Ins Ecol	20 E SELL PhD Prof Pasture and Anim Sci and Head of
25N W WIDSTROM PhD Genet	Dept
25B R WISCHAN PhD Result Host Plant Resistance	2D M BAIRD PhD Assoc Prof Anim Sci
25J R YOUNG MS Ent Ins Toxicol	25HONORICO CIORDIA PhD Parasitol
Horticulture 2650	2H C McCAMPBELL MS Asst Prof Meats
2S A HARMON PhD Prof and Head of Dept	2M L N CCULLOUGH, MS Prof Anim Nutr
2W T FRIGHTWELL PhD Fruits	2W E NEVILLE Jr PhD Assoc Prof Anim Brdr 2L R SISK BS Asst Prof Dairy Sci
2C G DEL VALLE PhD Asst Prof Veg	2E It block by Asstrict Edity Sci
25N C GLAZE PhD Res Plant Physiol Chem Weed	Chemistry and Human Nutrition 2750
Control	2W W G SMART Jr PhD Prof and Head of Dept
25C A JAWORSKI PhD Res Soil Sci	2JOSEPHINE MILLER BS Assoc Prof Biochem
25ALFRED JONES PhD Res Cenet Sweet Potatoes	2H D STELZNER PhD Asst Prof Enzymes
2Mrs KARFL M MOBLEY Res Asst Fruits and Nuts	2H E WORTHINGTON PhD Asst Prof Biochem
Nematolegy 2660	24C T YOUNG MS Asst Prof Food Chem
2R E WORLEY PhD Asst Prof Fruits and Nuts	Economics (Agr) 2755
25B.B BRODIE PhD Nematol	Economics (Agr) 2755 2N M PENNY PhD Prof Mktg and Head of Dept
25N A MINTON PhD Nematol	2J is ALLISON Ph.L. Assoc Prof Prod
	2R F ANDERSON MS Asst Prof Mktg
Plant Pathology 2670	2D H CARLEY PhD Assoc Prof Mktg
2D K BELL PhD Asst Prof Peanuts	2J C ELROD MS Prof Prod & Data Proc
25H G CUTLER PhD Plant Physiol Tobacco Dis 2B L DOUPNIK PhD Instr Mycotoxins	2K E FORD MS Assoc Prof Mktg
2P D DUKES PhD Assoc Prof Tobacco	2W T FULLILOVE BSA Prof Prod
25J G GAI JES MS Plant Path Tobacco	2W WHARPER MS Assoc Prof Agr Policy 2E E HUBBARD BBA Res Asst
2T P GAINES BS Res Asst Tobacco	2G C LANCE MS Res Asst
25J D GAY PhD Res Plant Path Veg Virol	2J C PURCELL PhD Prof Mkt Demand
25D L GILL PhD Plant Path Ornam	2ROBERT RAUNIKAR PhD Asst Prof Mkt Demand
2B A GOLDEN BS Res Asst Tobacco Dis	25B J SaITri PhD Assoc Prof Dairy Mkta
2R H LITTRELL PhD Asst Prof Small Grain Dis 25S M McCARTER PhD Res Plant Path Veg Dis	
253 M MCCARTER PID Res Profit Politice Dis 2E K SOPERS PhD Asst Prof Tobacco Dis	Engineering (Agr) 2760
25H D WELLS PhD Plant Path Grasses and Legumes	2J G FUTRAL BS Assoc Prof Power Mach and Head of Dept
	2H M FULLILOVI, III I-S Instr Power Mach
Miscellaneous 2690	2T B LADD MS Asst Prof Power Mach
2E F MATTHEWS Comptroller	2J T REID MS Asst Prof Power Mach
25R E McCLAIN BS Admin Off	m
26B H QUATTLEBAUM Met (Coop USDC)	Entomology 2770
Substation 2700	2357C MBLCKHAM PhD Prof and Head of Dept and Chmn of Div Cotton Ins
Shade Tobacco Substa (PO Attapulgus)	2MINTER DUPREE Asst Prof Veg Crops
2E J GIBSON MS Supt and Plant Path	2E L SNODDY PhD Asst Prof Livestock
2PAUL COLDITZ MS Asst Prof Hort	2H H TIPPINS PhD Assoc Prof Fruit and Ornam
Georgia Agricultural Experiment Station, Experi-	Food Science 2780
ment 30212 (Teleg and exp address, Griffin)	2J E MARION PhD Assoc Prof Food Sci and Head of Dept
1College Staff 2Station Staff 3Extension Staff	2 F S BOGGESS MS Assoc Prof Food Sci
4Leave of Absence 5Coop USDA 6Coop USDC	2S R CECIL MS Prof Food Sci
7Division indicates comparable units at all locations in	2E K HEATON MS Assoc Prof Food Sci
system	2K C LI PhD Assoc Prof Food Sci
	2Mrs KAY H McWATTERS MS Asst Food Sci
2710	
2C R JACKSON PhD Dir (Tel Area Code 404-227-9471	Horticulture and Forestry 2810
Ext 201)	2B B ERANTLEY PhD Prof Hort and Head of Dept 2J W DANIELL PhD Asst Prof Fruit Crops
Agronomy 2720	2T S DAVIS BS Asst Prof For Mgt
2S V STACY MS Prof and Head of Dept	2A H DEMPSEY PhD Prof Veg Crops
20 E ANDERSON PhD Prof Soil Sci	2R P LANE PhD Asst Prof Fruit Crops
2F C BOSWELL PhD Assoc Prof Soil Chem	2E F SAVAGE PhD Prof Pomol
2R E BURNS PhD Assoc Prof Plant Physiol and	Plant Connections
Forage Brdr 2D.G.CUMMINS PhD. Across Prof. Comp. Prod.	Plant Operations 2812 2W L STORY Jr BSAE Maint Engin and Head of Dept
2D G CUMMINS PhD Assoc Prof Crop Prod 2W S HARDCASTLE PhD Asst Prof Chem Weed Control	ZILE STOLLT ST DOVE MOTHER Eligital and lieda of Debt
2H B HARRIS PhD Assoc Prof Soybean and Sorghum	Plant Pathology 2815
Brdr	2H W BOYD PhD Asst Prof Plant Path and Head of Dept
2R M HARRISON PhD Asst Prof Soil Chem	2W A CHANDLER PhD Asst Prof Peach Dis
25B S HAWKINS MS Res Agron Cotton Brdr	2J W DEMSKI PhD Asst Prof Plant Virol
2M D JELLUM PhD Assoc Prof Corn Brdg 2B J JOHNSON MS Asst Prof Crop Prod	2D V PHILLIPS PhD Asst Prof Plant Path 2D H SMITH PhD Asst Prof Plant Path

Regional Primary Plant Introduction Station	12G D SHERMAN PhD Assoc Dir of Agr Expt Sta Senior
	320 Prof Soil Sci (Tel 808-9448231)
25W R LANGFORD PhD Coord Pasture & Forage	12SHOSUKE GOTO PhD Asst Dean of Col of Tropical Agr (Tel 808-9448340)
Crops  2W L CORLEY MS Asst Prof Hort Crops	123Mrs HAZEL V KRAEMER PhD Asst Dean of Col of
2J H MASSEY PhD Asst Prof Field Crops	Tropical Agr Chmn of Dept and Prof Home Econ
25GROVER SOWELL Jr PhD Plant Path Mycol	(Tel 808-9448583)
HED. (C. W.I.B. (DOE : .)	3D N GOODELL MS Assoc Dir of Agr Ext Serv (Tel 808-9448228)
U S Dept of Commerce Weather Bureau (PO Experiment) 26 26F L CROSBY BS Agr Met	1WYTZE GORTER PhD Dir of Res
Piedmont Field Expt Sta (PO Rte 2 Eatonton 2	840 Agronomy and Soil Science 2910
31024)	123W G SANFORD PhD Prof Aaron and Chan of Dept
2G V CALVERT BS Asst Prof Anim Husb and in Ch	12D P BANTHOLOMEW PhD Asst Prof Crop Mat 12P C FKERN PhD Prof Soil Phys
2W A GRIFFEY MS Asst Prof Anim Husb	128 A EL-SWAIFY PhD Asst Prof Soil Phys
2A B HARRIS Jr BS Instr Asst For	12R L FOX PhD Prof Soil Chem
Miscellaneous 2	124R F. GREEN PhD. Assoc Prof Soit Chem
2JULIA GRANT BBA Comptroller	12HARUYOSHI IKAWA PhD Asst Prof Soil Genesis
2Mrs ELIZABETH WHASTY Admin Secv	and Classif 12R C JONES MS - Asst Soil Mineral
2Mrs EDNA H OLSON MS Libr	124YOSHINOHI KANEHIRO PhD Assoc Prof Soil Chem con
Substation 2	860 Fert
Ga Mt Br Sta (PO Blairsville 30512)	3CLARENCE LYMAN MS Spec in Pasture Mgt
2J E BAILEY BS Prof Hort and in Cha Veg Crops	23W W McCALL PhD Assoc Spec in Soil Mat 12D L PLUCKNETT PhD Assoc Agron
2J W DOBSON Jr MSA Asst Prof Agron Forage Crops 2C D FISHER MS Asst Prof Agron Forage Crops	124P P ROTAR PhD Assoc Prof Plant Brdg
2M W NEATHERY MS Asst Prof Anim Husb Sheep	12W G SANFORD PhD Prof Agron
2M B PARKER MS Asst Prof Agron Soils	12J A SILVA PhD Asst Prof Soil Fert and Chem
25J M THOMPSON PhD Genet Apples	124L D SWINDALE PhD Prof Soil Mineral
The Fort Valley State College, Fort Valley 31030	12Y N TAMIMI PhD Asst Soil Sci 12J R THOMPSON PhD Supt and Assoc Acron
1College Staff 4Leave of Absence Coop USD	
	12UKIO URATA PhD Asst Prof Plant Brdg
1W W E BLANCHET PhD Pres	23R T WATANABE BS Junior Spec in Soil Sci
Agriculture 2	12A S WHITNEY PhD Supt and Asst Aaron 12H Y YOUNG MS Assoc Prof Anal Chem
1C L ELLISON PhD Prof Agron and Chmn of Div	1211 TOONG IND ASSOC FIOT AND CHEM
(912-825-8281 Ext 220)	Animal Sciences 2920
1B S ANDERSON MS Assoc Prof Agr Educ	123E H COBB PhD Prof Anim Sci and Chmn of Dept
1M C BLOUNT MS Asst Prof Agron 4I J CRUMBLY MS Instr Hort	2J E ALICATA PhD Parasitol 2G H BALAZS BS Asst in Anim Sci
11. L HALE MS Asst Prof Dairving	12C C BROOKS PhD Prof Anim Sci
1GETTER HUGGINS MS Asst Prof Poultry Husb	2C M CAMPBELL PhD Asst Anim Sci
5R B JONES S Res Chem	2J R CARPENTER BS Asst in Anim Sci
1S F RAHMAN PhD Assoc Prof Agron 10CLERIS SIMPSON PhD Assoc Prof Anim Nutr	3H R DONOHO PhD Spec in Livestock Mat 23H H FURUMOTO PhD Assoc Path
1M E SINGLETON MS Asst Prof Agr Engin	12R B HERRICK PhD Assoc Prof Poultry Sci
1HOUSTON STALLWORTH PhD Prof Hort	13W I HUGH PhD State and Area Swine Spec
	2S M ISHIZAKI MS Junior Anal
Home Economics 2 1Mrs GLADYCE C SAMPSON MS Assoc Prof Home	12I I WANAGA BS Asst Prof Anim Sci 13J H KOSHI PhD State and Area Dairy Spec
Econ Educ and Acta Chmn of Div	2J H F LEE MS Junior Anal
10SSIE M ASE MA Asst Prof Home Econ	1A Y MIYAHARA DVM Lect
1DOROTHY N BUANS MS Instr Nursery Sch	2KIYOICHI MORITA BS Junior Anim Sci
1GLADYS L GRACE Instr Home Econ Educ 1MINNIE B BUFFIN MS Instr Putr	12A L PALAFOX MS Asst Prof Poultry Sci 2DIEDRICH REIMER PhD Assoc Prof Anim Sci
1Mrs SALLIE B WATSON MS Asst Prof Home Econ	12ERNEST ROSS PhD Prof Poultry Sci
	1M B SMITH DVM Lect
	12R W STANLEY PhD Assoc Prof Anim Sci
HAWAII	3TOKUSHI TANAKA MS Asst State Spec in Poultry Sci 12OLIVER WAYMAN PhD Prof Anim Sci
College of Tropical Agriculture, the Agricultural Ex	
periment Station and the Agricultural Extension Service of	Biochemistry 2930 12HIROMU MATSUMOTO PhD Prof Biochem and Chmn
the University of Hawaii, Honolulu 96822	of Dept
1College Staff 2Station Staff 3Extension Staff	12ARTHUR BEVENUE BS Assoc Anal Chem
4Leave of Absence 5USDA Coop	2Mrs MARY L EMERSON BA Asst in Anai Chem
	12J W HYLIN PhD Assoc Prof Biochem
	2YOSHIHIKO KAWANO MS Asst Anal Chem 2Mrs BARBARA E KLEMM BS Asst in Biochem
1R W HIATT PhD Actg Pres of Univ 1 WILLARD WILSON PhD Secy	2J N OGATA BS Junior Anal Chem
1R L BALCH BA Vice Pres Div of Cont Educ and	12CHUNG-SHIH TANG PhD Asst Piant Biochem
Community Serv	Economics (Aar) 2940
1R S TAKASAKI MA Vice Pres for Bus Affairs 1R II KOSAKI PhD Vice Pres for Community Col	123J R DAVIDSON PhD Prof Agr Econ and Chmn of Dept
123C P WILSON PhD Dean of Col of Tropical Agr Dir	of 2H A AFIFI MS Asst in Agr Econ
Agr Expt Sta Dir of Agr Ext Serv Senior Prof Agr	

Econ (Tel 808-9448234)

1H L BAKER PhD Lect and Land Econ 13J R BOYER MS Asst Agr Econ

Economics (Agr)- Continued	Home Economics	2990
3S M DOUE MA Asst Agr Econ	123Mrs HAZEL V KRAFMER PhD	Asst Dean Chmn of
15KARL GERTEL PhD Coop Act Resource Econ	Dept and Prof Home Econ	
3H M HIROSHIGE MA Asst Agr Econ	124J G ALLEN PhD Assoc Prof H	
12R B HUGHES PhD Prof Agr Econ	12J R BUATON PhD Prof of Nutr	
134J T ISHIDA PhD Prof Aar Mkta	12DIANE BROWN MA Instr Human	n Devlpmt
12G M JENKINS MA Instr Agr Econ	12J G CHANTINY Edi) Prof Humo	
12J T KEELER MS Assoc Prof Aar Econ	1Mrs MARY L CHING 11S Asst P	
12A B LARSON PhD Assoc Prof Agr Econ	1Mrs GLORIA S FURER MEd As	
1B F LUCAS MS Lect in Arr Econ	3Mrs GERTHUDI P HAHRFLL M	
23W G MARDERS PhD Prof Rural Soc	12Mrs ORPHA HURRICK MS Asst	
3ELEANOR A MATSUMOTO MA Assoc Spec Consum	12DORIS M HILKER PhD Assoc I	
Mktg Inform 12A B PAUL PhD Prof Aar Mkta	IGI, HOTCHKIN MS Asst Prof I	
124P F PHILIPP PhD Prof Agr Econ	1W D LAMPARD EdD Prof Humo	
12B M RENAUD PhD Asst Prof Agr Econ	12I J LICHTON PhD Assoc Prof I	
2JUSTIN RUTKA MS Asst in Agr Econ	3KATHRYN J ORR MS Assoc Sp	
124F S SCOTT Jr PhD Prof Agr Econ	3VERA Y REIDMS Assoc Speci 12Mrs SYLVIA SCHWITTERS MS	
12HEINZ SPIELMANN PhD Assoc Prof Agr Econ	12Mrs BLUEBELL R STANDAL Ph	
3SHIRO TAKEI MS Assoc Mktg Spec	2Mrs CHARLENE TAKAHASHI MS	
1P P WALLRABENSTEIN PhD Lect and Aar Statis	12Mrs MARY TROXELL MS Asso	
12HIROSHI YAMAUCHI PhD Asst Prof Agr Econ	4Mrs CHRISTINE L TULL MA	
	Educ	ribboo I for Home Econ
Engineering (Agr) 2950	10MA UMBEL MS Assoc Prof C	loth
123J K WANG PhD Prof Aar Enain and Chmn of Dept	1EARLINE WEDDLE MS Asst P	
Harvesting and Proc Equip Soil Dynamics	3SHIRLEY WEEKS PhD Spec Hu	
2UBBO AGENA MS Junior Arr Enain Food Proc Equip	12Mrs NAO S WENKAM MS Asst F	
3J E DUNN Sr BS Asst in Aar Engin Harvesting Equip	12FRANKLIN YOUNG PhD Assoc	
13H M GITLIN MS Assoc Spec Agr Engin		
2W Y HUANG BS Asst in Agr Engin	Horticulture	3000
124D M KINCH PhD Prof Aar Engin	123D P WATSON PhD Prof Hort Sp	ec and Chmn of Dept
2TUNG LIANG PhD Asst Agr Engin Oper Res	12J L BREWBAKER PhD Prof Ple	ant Genet
5G E MONROE BS Agr Engin Coffee Harvesting Equip	2C L CHIA rS Asst in Hort Frui	its
5A L MYERS MS Agr Engin Coffee Harvesting Equip	2J T CHINN MS Junior Hort Veg	
12F A SHELLENBERGER MS Junior Aar Enain Coffee Harvesting Equip	2J A CROZIER PhD Asst Hort V	/eg
12I P WU PhD Asst Prof Aar Engin Irrig Engin	2E T FUKUNAGA MS Agrand St	pt Fruits
1211 WOTHE ASSETTOLAGE Engin Into Engin	12J C GILBERT PhD Prof Veg	
Entomology 2960	12R A HAMILTON PhD Prof Fruit	
123W C MITCHELL PhD Assoc Prof Econ Ent and Chmn	12R W HARTMANN PhD Asst Pro	
of Dept	3TADASHI HIGAKI MS Assoc Co	ounty Agt Flor
12DONALD ASHDOWN PhD Assoc Prof in Ins Control	2P J ITO PhD Asst Prof Fruits	
12J W BEARDSLEY PhD Assoc Prof Taxon and Biol	12HARUYUKI KAMEMOTO PhD F	
Control	2J T KUNISAKI MS Junior Hort I	
12H A BESS PhD Sr Prof Biol Control	2EUN-YOON LEE BS Asst in Ho	
2L D HALE MS Asst in Ent	13D A McLAIN MS Asst Spec Lan	
12F H HARAMOTO PhD Assoc Prof Acarol	3YUKIO NAKAGAWA BS Assoc S 12H Y NAKASONE PhD Assoc Pr	
12D E HARDY PhD Sr Prof Med Ent Taxon	12D A NESS PhD Assoc Prof for	
2S Y HIGA BA Asst in Ent	12RICHARD POOLE PhD Asst Pr	
23A A LAPLANTE PhD Assoc Spec in Ent	12R R ROMANOWSKI PhD Assoc	
124RYOJI NAMBA PhD Prof Virus Transmission and	12YONEO SAGAWA PhD Prof Cyt	
Mombol 12TOSHIYUKI NISHIDA PhD Prof Ecol	23G T SHIGEURA MS Assoc Hort	
2R H N PARK MS Asst in Ent	Fruits	and med opec
12MARTIN SHERMAN PhD Prof Toxicol	2JSTANAKAMS Asst Hort Veq	
12MINORU TAMASHIRO PhD Assoc Prof Ins Path	12R M WARNER PhD Prof Fruits	
2J R YATES III MS Asst in Ent	3W J YEE MA Assoc Spec Fruits	3
Extension Service 2970	Plant Pathology	3030
3Mrs JEAN A GUTIERRES MA Spec in Training and	123I W BUDDENHAGEN PhD Prof	Bact and Host Resist
Comm	and Chmn of Dept	
3Mrs ELIZABETH S BERMAN MA Asst Supvr of 4-H	12MINORU ARAGAKI PhD Assoc	Prof Fungal and Soil-
Club Work	borne Dis	
3BLAINE BRADSHAW MS Assoc Spec Community Devlpmt	1230 V HOLTZMANN PhD Assoc	
3S H C KAM MS Junior Spec Comm	123J E HUNTER PhD Asst Prof Vi	
3G M NAKASATO MS County Agt Supvr 3J Y SHIGETA MS Supvr of 4-H Club Work	12MAMORU ISHII PhD Assoc Pro	
3F G TEHO BS Asst Spec of Vis Aids	13A P MARTINEZ BS Assoc Ext	
et d'illio do Mast opec of vis Atas	123A H McCAIN PhD Prof Ext and	
	12D S MEREDITH PhD Assoc Pro	
Food Science and Technology 2980	2F P OBRERO MS Junior Tropic	
123EDWARD ROSS PhD Prof Food Sci and Chmn of Dept	123 E E TRUJILLO PhD Assoc Pr	or sour-pome Dis and supt
5J E BREKKE MS Affil Food Tech	Plant Physiology	3040
2CATHERINE G CAVALETTO MS Junior Food Tech	12N P KEFFORD PhD Prof Bot F	
5H T CHAN MS Affil Assoc Food Tech	Chmn of Dept	unu
12H A FRANK PhD Prof Food Sci	12E K AKAMINE MS Prof Hort Po	st Harvest Physiol
3R E MOSER Jr MS Spec Food Tech	2MINORU AWADA MS Asst Papa	
12J H MOY PhD Asst Prof Food Sci	2H F CLEMENTS PhD Senior Pr	
12H Y YAMAMOTO PhD Assoc Prof Food Sci	Physiol	·
	12B J COOIL PhD Prof Bot Plant	: Nutr and Devlomt

3040-3140

Plant Physiology—Continued	Biochemistry and Soils (Agr) 3090
2J C DEPUTY BS Asst in Plant Physiol	12A C WIESE PhD Prof and Head of Dept
2T T S GOO BS Asst in Post Harvest Physiol	2J A L AUGUSTIN PhD Assoc Res Prof Food Sci
2BEATRICE A KRAUSS MS Prof Pineapple Morphol	(PO Aberdeen)
and Anat	21 W CHUNG MS Assoc Res Prof Soil Classif
2SHIGERU NAKATA PhD Assoc Plant Nutr and Devlpmt	12M A FOSBERG PhD Assoc Prof Soil Classif
12E W PUTMAN PhD Assoc Prof Bot Plant Biochem	5D L GALLUP MS Collab (PO Boise)  123R W HARDER MS Assoc Prof Soil Mat
2R H SUEHISA MS Junior Plant Anal	5S L HARRIS BS Collab Plant Mater (PO Aberdeen)
2GLADYS L N YEE BS Asst in plant Anal	12J P JONES PhD Assoc Prof Plant Nutr
Branch Stations and Experimental Farms 3050	12D J LeTOURNEAU PhD Prof Plant Biochem
Hawaii Er Sta PO Hilo (Hawaii)	12G C LEWIS PhD Prof Soil Chem
2J R THOMPSON PhD Supt	12PAUL MUNETA PhD Assoc Prof Food Technol 12D V NAYLOR PhD Asst Prof Soil Chem
2ROBERT MARTIN Farm Mar	2C G PAINTER MS Assoc Res Prof Plant Nutr
2SAM NUHA Farm Mar	(PO Parma)
Maui Br Sta PO Waiakoa (Maui)	23F P PARKS MS Res Assoc Soil Chem
2A S WHITNEY PhD Supt	23W L THIESSE! MS Asst Res Prof Ext Soils Spec
2KAZUO MURAKAMI Farm Mar	(PO Boise)
Kona Br Sta PO Kealakekua (Hawaii)	2R M WISE BS Assoc Res Prof Cereal Chem
2E T FUKUNAGA MS Agr Supt	(PO Aberdeen)
2YOSOTO EGAMI Farm Mar Kauai Br Sta PO Kapaa (Kauai)	Dairy Science 3100
2F E TRUJILLO PhD Supt	12R H ROSS PhD Prof and Head of Dept
2AMERICO MORRIS Farm Mar	12J L BARNHART PhD Assoc Prof Dairy Prods
Poamoho Expt Farm PO Waialua (Oahu)	3G W CLEVELAND BS Ext Dairyman (PO Boise)
<b>2</b> NOBORU KANDA Farm Mar	12J E MONTOURE PhD Assoc Prof Dairy Prods
Waimanalo Expt Farm PO Waimanalo (Oahu)	12R G SASSER PhD Asst Prof Dairy Nutr
<b>2</b> HSWAKI Fann Mar	2D L THACKER MS Asst Res Prof Dairy Nutr (PO Caldwell)
	1 2D E. WOODRUFF BS Instr Dairy Mat
DHADI	
IDANO	
College of Agriculture and the Agricultural Experiment	Economics (Agr) 3110
Station of the University of Idaho, Moscow 83843	12W E FOLZ PhD Prof and Head of Dept
	12J A ARAJI PhD AsstProf Mktq
1College Staff 2Station Staff 3Extension Staff	3Q D BANKS PhD Ext Agr Econ Mktg Inform (PO Boise)
4Leave of Absence 5Coop USDA 6Misc	3V D KENNEDY MS Ext Farm Mgt Spec (PO Boise)
	12K H LINDEBORG PhD Assoc Prof Prod Econ 1R B LONG PhD Assoc Prof Resource Econ
3060	124G E MAROUSFK Ph. Assoc Prof Livestock Mktg
123E W HARTUNG PhD Pres of Unit (208-882-3511	6P L SARGENT PhD Visiting Assoc Prof Mktg
Ext 6365)	sL V SUMMERS PhD Collab Mktg
of Ext Prof (208-882-3511 Ext 6151)	12P V WITHERS Ph? Assoc Prof Farm Mat
1D A MARSHALL PhD Assoc Dean of Col of Agr Prof	
(208-882-3511 Ext 6151)	Education (Agr) 3120
2R D ENSIGN PhD Assoc Dir of Sta Res Prof	Education (Agr) 3120  1D L KINDSCHY EdD Prof and Head of Dept
(208-882-3511 Ext 6483)	1R C HAYNES MS Assoc Prof
3C O YOUNGSTROM MS Assoc Dir of Ext (PO Boise	
208-344-5811 Ext 280)	
12D O EVERSON PhD Prof Expt Sta Statis	Engineering (Agr) 3130
1JW WATTS BS Bus Mgr 12M L DeWITT MS Form Supt	12C L COREY PhD Prof and Head of Dept
124 L Dewill was I dim supt	12G L BLOOMSEURG PhD Assoc Prof Hydrol
Animal Science 3070	124J E DIXON MS Assoc Prof Farm Structures
12T D BELL PhD Prof and Head of Dept	12D W FITZSIMMONS MS Assoc Prof Irrig
12R C BULL PhD Asst Prof Anim Nutr	2L F JOHNSON MS Assoc Res Prof Potato Mech
12R E CHRISTIAN PhD Prof Anim Genet	(PO Aberdeen)  3D C LARSEN BS Ext Irrig (PO Boise)
23J J DAHMEN PhD Res Prof Anim Genet (PO Caldwell)	12J W MARTIN MS Prof Power and Mach
5S K ERCANBRACK PhD Collab Anim Genet (PO	2G M McMASTER MS Assoc Res Prof Irrig (PO Aberdeen)
Dubois)	2W L MO^EN MS Asst Res Prof Power Mach
12S D FARLIN PhD Asst Prof Anim Nutr	3R F TAYLOR BS Ext Agr Engin
2K R FREDERIKSEN MS Assoc Res Prof Anim Nutr (PO Dubois)	12L G WILLIAMS MS Assoc Prof Power Mach
12G W GIESON BS Instr Swine	2D W WORKS MS Assoc Res Prof Farm Elec
123M L HEMSTROM MS Ext Anim Sci Assoc Prof	
12C W HODGSON PhD Assoc Prof Beef Cattle	
5C V HULET PhD Collab Anim Genet (PO Dubois)	Entomology 3140
12L E ORME PhD Assoc Prof Meats	12H C MANIS PhD Prof and Head of Dept
5D A PRICE PhD Dir Anim Sci (PO Dubois)	12W F BARR PhD Prof Taxon
12S E SLYTER MS Instr Beef Cattle	12G W BISHOP PhD Assoc Prof Ins Control 12MA BRUSVEN PhD Asst Prof Taxon
3W G WELLS BS Ext Anim Sci (PO Boise) 5L O WILSON BS Collab Wool (PO Dubois)	2G P CARPENTER PhD Asst Res Prof Ins Control
SE O MIESON BS CONTON MOON (PO DIEDOIS)	(PO Aberdeen)
Bacteriology 3080	5K E EVANS BS Collab (PO Twin Falls)
12V A CHERRINGTON PhD Prof and Head of	12A R GITTINS PhD Assoc Prof Ins Physiol
Dept	3L E O'KEEFFE PhD Ext Ent
12G R ANDERSON PhD Prof Soil Microbiol	5W E PEAY MS Collab (PO Twin Falls) 3R W PORTMAN MS Ext Ent
12S M BECK PhD Assoc Prof Bact Physiol	12J A SCHENK PhD Assoc Prof For Ent
12G W TERESA PhD Assoc Prof Soil Microbiol	2D R SCOTT MS Asst Res Prof Ins Control (PO Parma)
	12H W SMITH PhD Assoc Prof Ins Physiol

IDAHO 3140-3232

Entomology-Continued 2N D WATERS PhD Asst Res Prof Ins Control (PO Parma)

Extension Administration 123J E KRAUS PhD Dir

3C O YOUNGSTROM MS Assoc Dir (PO Boise)

3T J CHESTER BS Dist Ext Agt Supvr (PO Pocatello)
3J L GRAVES MS Dist Ext Agt Supvr

3G B HALL MS Dist Ext Agt Supvr (PO Boise)

3Mrs DOROTHY SHOLE MS Asst State 4-H Club Ldr

34M E JOHNSON MS Asst State 4-H Club Ldr

3F E KOHL PhD Dist Ext Agt Supvr (PO Boise) 13G E McPROUD MS Ext Studies Spec

3CONSTANCE A MEYER MEd Asst State 4-H Club Ldr 3Mrs DOROTHY N STEPHENSMS State Home Econ Ldr (PO Boise)

3C M THOMAS BS Actg State 4-H Club Ldr

3Mrs LUCIA L WILSON BS Asst State Home Econ Ldr (PO Boise)

Forestry

3160

3V H BURLISON BS Ext For

3165 Home Economics (Ext)

3ESTHER NYSTPOM BA Ext Cloth Spec (PO Boise)
3WILLMA SHRYACK MHE Ext Home Furn Spec
3Mrs FSTHER H WILSON MS Ext Nutr

Home Economics Research

3170 2MARY V ZAEHRINGER PhD Res Prof and Head of Dept 2Mrs HELEN H CUNNINGHAM MS Asst Pes Prof Foods and Nutr

Information (Aar)

123J L JOHNSON BA Assoc Prof Agr Ed Head of Dept 3C G D'EASUM BA Asst Ext Ed (PO Boise) 23M W STELLMON BA Asst Prof Asst Expt Sta Ed

Plant Sciences 3190

123 A M FINLEY PhD Prof and Head of Dept 2J A BENSON MS Res Assoc Crop Prod (PO Sandpoint)

12A A BOE PhD Asst Prof Hort Physiol 3R H CALLIHAN MS Ext State Potato Spec

(PO Aberdeen)

2C E DALLIMORE MS Asst Res Prof Plant Path Nematodes

2J R DAVIS PhD Asst Res Prof Plant Path Potato (PO Aberdeen)

2L L DEAN PhD Res Prof Plant Path Bean Dis (PO Twin Falls)

12L.C ERICKSON PhD Prof Weeds 123H S FENWICK PhD Assoc Res Prof Ext Plant Path 2R F FOLEY PhD Assoc Res Prof Hort Veg Crops (PO Parma)

3J G GARNER BS Area Ext Potato Spec (PO Blackfoot)

12J W GUTHRIE PhD Assoc Prof Plant Viruses 12A W HELTON PhD Prof Fruit Dis

3R E HIGGINS MS Ext Agron (PO Boise)
3A S HORN MS Ext Hort (PO Boise)

2D M HUBER PhD Assoc Res Prof Plant Path 2W J KOCHAN PhD Assoc Res Prof Hort Pomol

(PO Parma)

2J J KOLAR PhD Assoc Res Prof Agron Forage Crops (PO Twin Falls)

2L C LAFERRIERE PhD Assoc Res Prof Plant Path Bean Dis (PO Twin Falls)

23G A MURRAY PhD Asst Res Prof Agron Farm Crops

23R E OHMS PhD Assoc Res Prof Ext Potato Spec (PO Boise)

5J J PAVEK PhD Collab Potato Genet (PO Aberdeen)
2W K POPE PhD Res Prof Agron Genet
12J R RIDLEY PhD Asst Prof Crops Physiol
3E M RINEBOLD BS Area Ext Potato Spec (PO Rupert)

2R R ROMANKO PhD Assoc Res Prof Plant Path Hop Dis (PO Parma)

3H B ROYLANCE MS Ext Agron (PO Boise)

124C I SEELY MS Prof Weeds

Plant Sciences-Continued

3150

2W R SIMPSON MS Assoc Res Prof Plant Path Veg Crops (PO Parma)

12A E SLINKARD PhD Assoc Prof Forage Crops

12W H SNYDER MS Assoc Prof Flor 2W C SPARKS MS Res Prof Hort Potato (PO Aberdeen)

2G F STALLKNECHT PhD Asst Res Prof Hort Potato

(PO Aberdeen) 5D W SUNDERMAN PhD Collab Wheat Brdg (PO

Aberdeen) 2P J TORRELL MS Assoc Res Prof Agron Weeds

(PO Parma)

3A J WALZ PhD Area Ext Potato Spec (PO Caldwell) 12R D WATSON PhD Assoc Prof Veg Dis

12G W WOODBURY PhD Prof Hort Veg Crops

Poultry Science 12C F PETERSEN MS Prof and Head of Dept

23R E BLACK BS Assoc Res Prof and Ext Poultry 2E A SAUTER Jr PhD Assoc Res Prof Poultry Prod

**Veterinary Science** 12F W FRANK DVM PhD Prof and Head of Dept

12W B ARDREY PhD Prof Vet Microbiol 12J W BAILEY DVM Assoc Prof Path and Hyg

23R F HALL DVM Asst Res Prof Ext Vet

2W A MEINERSHAGEN BS Res Assoc Path and Hyg (PO Caldwell)

2R L SWEAT PhD Assoc Res Prof Vet Virol (PO Caldwell)

2D G WALDHALM PhD Assoc Res Prof Vet Microbiol (PO Caldwell)

**Branch Stations** 3230

Aberdeen

2E W OWENS PhD Supt Res Prof Hort Caldwell

23J J DAHMEN PhD Supt Res Prof Anim Sci

Parma 2D F FRANKLIN MS Supt Res Prof Hort

Sandpoint 2J A BENSON MS Res Assoc

Tetonia (POSt Anthony)
2H C McKay MS Supt and Res Prof Agron

2B A McCALLUM MS Res Assoc

Twin Falls (PO Kimberly)

23M J LeBARON MS Supt Assoc Res Prof Agron

College of Forestry, Wildlife and Range Sciences and Forest Wildlife and Range Experiment Station of the University of Idaho, Moscow 83843

1College Staff 2Station Staff 3Extension Staff

4Leave of Absence 5Coop USDA 6Coop USDI

3232

3200

3220

12E W HARTUNG PhD Pres of Univ (208-882-3511 Ext 6365)

12E W WOHLETZ MS Deam of Col of For Dir of FWR Expt Sta (208-882-3511 Ext 6307)

12E W TISDALE PhD Assoc Dir FWR Expt Sta and Prof (Range Mgt) (208-882-3511 Ext 6331)

12R H SEALE PhD Assoc Dean and Prof For Econ

12H R ALDEN MS Assoc Prof Recreation
12G H BELT PhD Asst Prof Watershed Mat
12E G BIZEAU MS Asst Prof Wildlife Mat

126T C BJORNN PhD Assoc Prof Fish Mgt 126D W CHAPMAN PhD Ldr Coop Fish Unit and Prof

Fish Mgt 12M E DETERS PhD Prof For Mgt

12MINORU HIRONAKA PhD Assoc Prof Range Mat

12A D HOFSTRAND MS Asst Prof Wood Util
126M G HORNOCKER PhD Ldr Coop Wildlife Res Unit and

Assoc Prof Wildlife Mat

12J P HOWE PhD Prof Wood Util

12K E HUNGERFORD PhD Prof Wildlife Mgt

12F D JOHNSON MS Assoc Prof For Mgt 12R R KNIGHT PhD Asst Prof Wildlife Mat

12HOWARD LOEWENSTEIN PhD Prof For Soils

12CRAIG MACPHEE PhD Prof Fish Mat

3234

12A D PARTRIDGE PhD Assoc Prof For Path 12F H PITKIN MS Assoc Prof For Mat 12.I A SCHENK PhD Assoc Prof For Ent 12L A SHARP PhD Prof Range Mat 12C W WANG PhD Prof For Genet

**USDA Forestry Sciences Laboratory** 

5R T BINGHAM MS Dir Rep (208-882-3557) 5J E BRICKELL BS Res For 5R J BOYD Jr MF Res For 5R E DENTON MS Res Ent 5G H DIETSCHMANN MF Res For 5M W FOILES BS Res For 5M M FURNISS MS Ent 5A E HARVEY PhD Res Plant Path 5H F HAUPT MS For Hyd 5R J HOFF Jr PhD Res Genet 5R D HUNGERFORD BS Res For 5C D LEAPHART PhD Res Plant Path 5M A MARSDEN BS Statis 5N E MARTIN MS Res Plant Path 5G I McDONALD BS Res Plant Path 5G E REHFELDT PhD Res For 5A R STAGE PhD Res For 5R J STEINHOFF PhD Genet 5R I WASHBURN MS Ent 5F. F. WICKER PhD Res For 5K C WISE BS Res Tech

5J Y WOO MS Res Tech

#### ILLINOIS

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Illinois, Urbana 61801

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

3240

123D D HENRY PhD LLD Pres of Univ (217-333-3070) 123.J W PELTASON PhD Chanc of Urbana Campus of Univ Univ (217-333-6290) 1230 G BENTLEY PhD Dean of Col Agr (217-333-0460)

IK E GARDNER PhD Dir of Resident Instr and Assoc Dean of Col of Aar (217-333-3380)

1C D SMITH MS Asst Deam of Col of Agr (217-333-3380)
1W K WESSELS Med Asst to Deam of Col of Agr (217-333-3380)

2M B RUSSELL PhD Dir of Sta and Assoc Dean of Col of Agr (217-333-0240)

123G K BRINEGAR PhD Dir Internatl Agr Prog and Assoc Dean of Col of Agr (217-333-6420)

2D B BAULING BS Asst to Dir of Sta (217-333-0242) 23R J WEBB MS Asst Dir of Sta and Supt Ext Proa at

Dixon Springs Agr Center (618-949-2101) 3J B CLAAR PhD Dir of Coop Ext Serv and Assoc Dean of Col of Agr (217-333-2660)

13H W BEAN MS Asst Dir of Coop Ext Serv (217-333-2660)

3MARTHA L DUNLAP PhD Asst Dir of Coop Ext (217-333-0520)

3W D MURPHY MPA Asst Dir of Coop Ext Serv (217-333-2664) 3M S WILLIAMS PhD Asst Dir of Coop Ext Serv

(217-333-2664)

2T S HAMILTON PhD Admin Secy NC Agr Expt Sta Dir (217-333-2644) 2DANIEL ALPERT PhD Dean of Grad Col (217-333-

00341 123H O FARBER CPA MA Comptroller and Vice Pres

3250

(217-333-2400)

123M D THORNE PhD Prof and Head of Dept 2C M BROWN PhD Prof Plant Brdg Small Grains and Assoc Head of Dept

Agronomy-Continued

3S R ALDRICH PhD Prof Soil Fert 12D E ALEXANDER PhD Prof Plant Genet Com 2J D ALEXANDER MS Asst Prof Pedol

12A H BEAVERS PhD Prof Soil Mineral

25R L BERNARD PhD Assoc Prof Plant Brdg Soybeans 23L V BOONE BS Assoc Agron

20 C BRAIDS PhD Asst Prof Soil Organic Chem 12E A BRAMS PhD Asst Prof Soil Sci (Sierra Leone)

23W G BRETZLAFF MS Asst Agron (PO Macomb) 2D R BROWNING MA Assoc Agron (PO Carbondale)

1A W BURGER PhD Prof Crop Prod Forages

5H W BUSCH BS Collab Soil Conserv 12S G CARMER PhD Assoc Prof Biomet

5F I COLLINS AM Collab Plant Chem Soybeans
25R L COOPER PhD Assoc Prof Plant Brdg and Genet

12J M DE WET PhD Prof Plant Cytogenet

23J E DILLON MS Assoc Agron

12J W DUDLEY PhD Assoc Prof Plant Genet Com 2E B EARLEY PhD Prof Plant Physiol

12J B FEHRENBACHER PhD Prof Pedol

2L E GARD MS Assoc Prof Soil Conserv (PO Dixon Springs)

12J E GIESEKING PhD Prof Soil Chem

2J R GINGRICH PhD Assoc Prof Soit Sci (India)
23D W GRAFFIS PhD Assoc Prof Forage Crops Ext

12H H HADLEY PhD Prof Plant Genet Sovbeans

12R H HAGEMAN PhD Prof Plant Physiol

12J B HANSON PhD Prof Plant Physiol

12J R HARLAN PhD Prof Plant Genet 2T D HINESLY PhD Asst Prof Soil Mat

12C N HITTLE PhD Prof Plant Brdg Forages

2THEODORE HYMOWITZ PhD Asst Prof Plant Genet

12J A JACKOBS PhD Prof Crop Prod Forages (India) 23P E JOHNSON BS Asst Prof Soil Fert (PO Newton)

12R L JONES PhD Assoc Prof Soil Mineral 2R L JUDSON MS Assoc Agron (PO Elwood)

2R W JUGENHEIMER PhD Prof Plant Genet (India)

12J B KELLY MS Acron

12ARNOLD KLUTE PhD Prof Soil Phys

23E L KNAKE PhD Assoc Prof Weed Sci 50 A KROBER MS Collab Soybeans (India)

12L T KURTZ PhD Prof Soil Fert

2R J LAMBERT PhD Asst Prof Plant Genet Corn

5R K LAWSON MS Collab Soil Conserv

12E R LENG PhD Prof Plant Brdg and Genet Corn 2E C MARCUSIU MS Assoc Agron

2R M MATSUURA PhD Acron (India)
13M D McGLAMERY PhD Asst Prof Weed Sci Ext

23G E McKIBBEN MS Assoc Prof Crop Prod (PO Dixon Springs)

12S W MELSTED PhD Prof Soil Chem 5C E MICK BS Collab Soil Conserv

12D A MILLER PhD Assoc Prof Plant Brdg and Genet 12R J MILLER PhD Assoc Prof Soil Phys Chem

125R J MILLINGTON PhD Assoc Prof Soil Phys

23D E MILLIS MS Assoc Agron (PO Carbondale) 2J E MOLINA PhD Asst Prof Soil Microbiol

23D L MULVANEY BS Assoc Agron (PO Marseilles)

12R T ODELL PhD Prof Pedol

25W L OGREN PhD Asst Prof Plant Physiol Soybeans 23M G OLDHAM MS Asst Prof Soil Fert

23W R OSCHWALD PhD Assoc Prof Soil Classif 2E B PATTERSON PhD Asst Prof Plant Genet Com

23T R PECK PhD Asst Prof Soil Chem

12J W PENDLETON PhD Prof Crop Prod and Soil Fert 5E R PERRIER MS Collab Soil Phys

125D B PETERS PhD Prof Soil Phys 2B W RAY MS Asst Prof Pedol

25R W RINNE PhD Assoc Prof Plant Physiol Soybeans 5J S ROGERS MS Collab Soil Phys

12F. C A RUNGE PhD Assoc Prof Soil Classif 2M B RUSSELL PhD Prof Soil Phys

12B R SABEY PhD Assoc Prof Soil Microbiol 3W O SCOTT PhD Prof Crops Extension

12R D SEIF PhD Assoc Prof Biomet

12F W SLIFE PhD Prof Weed Sci

12F J STEVENSON PhD Prof Soil Chem
25E W STOLLER PhD Asst Prof Plant Physiol

5L E TYLER MS Collab Pedol

3250-3280 ILLINOIS

Agronomy-Continued

12E H TYNER PhD Prof Soil Fert

5G O WALKER MS Callab Pedol

123W M WALKER PhD Asst Prof Biomet and Data Proc 12J H BYERS PhD Assoc Prof Nutr 25L M WAX PhD Asst Prof Weed Sci 3J G CASH MS Prof and Ext Spec Dairy Sci 12C L DAVIS PhD Assoc Prof Nutr 25EVELYN J WEBER PhD Asst Prof Plant Physiol Com 123R O WEIBEL MS Assoc Prof Plant Brdg Small Grains 3L R FRYMAN MS Assoc Prof and Ext Spec Dairy Sci 123L F WELCH PhD Assoc Prof Soil Fert 2D P GILBOE PhD Res Assoc Biol Chem 124C N GRAVES PhD Assoc Prof Physiol 12J M WIDHOLM PhD Asst Prof Plant Physiol 25C M WILSON PhD Assoc Prof Plant Physiol Corn 3G W HARPESTAD MS Assoc Prof and Ext Spec Dairy 25J T WOOLLEY PhD Assoc Prof Plant Physiol Sci 12R L HAYS PhD Prof Physiol 3260 3R V JOHNSON MS Assoc Prof and Ext Spec Dairy Sci 12K A KENDALL PhD Prof Nutr 123D E BECKER PhD Prof and Head of Dept 12JOSEPH KASTELIC PhD Prof Nutr Biochem and 12B L LARSON PhD Prof Biol Chem 12J R LODGE PhD Assoc Prof Physiol Assoc Head of Dent 124E E ORMISTON PhD Prof Dairy Husb 2J P SALANITRO PhD Res Assoc Dairy Sci 12W W ALBERT PhD Asst Prof Ruminants and Horses 2Mrs ROSEMARY ALMENDINGER BS Asst Nutr Biochem 24L A AREHART BS Asst Anim Sci Ruminants Sheep 2M P SHARMA PhD Res Assoc Dairy Sci 12S L SPAHR PhD Asst Prof Dairy Husb (PO Simpson) 12R W TOUCHBERRY PhD Prof Genet 12D H BAKER PhD Asst Prof Swine 12M J WOLIN PhD Prof Microbiol 2E M BANKS PhD Prof Anim Sci 1H W BEAN MS Assoc Prof Anim Sci 1O G BENTLEY PhD Prof Anim Sci 3280 Economics (Agr) 12D J BRAY PhD Prof Poultry 123H G HALCROW PhD Prof and Head of Dept 3G R CARLISLE MS Prof Livestock Swine 12C B BAKER PhD Prof Farm Mat 21Mrs KRISHNA CHAKRABARTY MS Res Assoc Nutr 3G K BRINEGAR PhD Prof Mktg Biochem 12E E BROADBENT PhD Prof Livestock Mktg 2G F CMARIK MS Asst Prof Ruminants Beef Cattle 12W D BUDDEMEIR PhD Prof Farm Mat (P.O. Simpson) 5E B COLEGROVE PhD Collab Farmer Home Admin 12FOLKE DOVRING PhD Prof Land Econ 2BRIAN COOK PhD Asst Prof Anim Physiol 2Mrs AGNES CSALLANY Diploma Chem Engin Res 3G M ENGLAND MS Assoc Prof Food Mktq 23D E ERICKSON MS Assoc Prof Farm Mqt Res Asst Prof Nutr Biochem 2K L DAILY BS Asst Anim Sci Swine 2A D DEODHAR PhD Res Assoc Nutr Biochem 123L P FETTIG PhD Assoc Prof Agr Outlook and Policy 12B B DOANE MS Asst Anim Sci Ruminants Sheep and Rural Devlomt 12F C FLIEGEL PnD Prof Rural Sociol 12H H DRAPER PhD Prof Nutr Biochem 12P J DZIUK PhD Prof Anim Physiol 12C L FCLSE PhD Prof Rural Sociol 2MARJORIE EDMAN MS Res Assoc Nutr Biochem 123J W GRUEBELE PhD Asst Prof Dairy Mktq 12R M FORBES PhD Prof Nutr Biochem 123H D GUITHER PhD Assoc Prof Farm Mat and Finance 1H W HANNAH BS LLB Prof Agr Law 2C D O FOSTER PhD Asst Prof Biochem 12U S GARRIGUS PhD Prof Anim Nutr Ruminants 1J H HERBST PhD Assoc Prof Form Mgt 2Mrs JEAN W GRABER PhD Res Assoc Anim Genet and 12T A HIERONYMUS PhD Prof Grain Mktq 12L D HILL PnD Assoc Prof Mktg Physiol 23R A HINTON PhD Assoc Prof Farm Mgt 12B G HARMON PhD Assoc Prof Anim Nutr Swine 12E E HATFIELD PhD Prof Ruminants 123J M HOLCOMB MS Prof Farm Mgt and Finance 12J H HOPKIN PhD Prof Agr Finance 12F C HINDS PhD Asst Prof Ruminants 2D P JOHNSON MA Res Assoc Rural Social 12A H JENSEN PhD Prof Swine 12G G JUDGE PhD Prof Mktg and Prices and Statis 12D F. JOHNSON PhD Asst Prof Ruminants 3H 3 JOHNSON PhD Assoc Prof Poultry 12R A KELLY PhD Prof Fruit and Veg Mkta 23R P KESLER MS Asst Prof Farm Mat 2Mrs NORAH KARSCH MS Asst Swine 3M B KIRTLEY PhD Assoc Prof Livestock Mktg 12P E LAMB BS Asst Anim Sci Ruminants Beef Cattle 12G A LEVEILLE PhD Assoc Prof Nutr Biochem 12N G P KRAUSZ BS LLB Prof Aar Law 2J M LEWIS MS Assoc Prof Ruminants Sheep 12R M LEUTHOLD PhD Asst Prof Agr Mktg and Policy 12A G MUELLER PhD Assoc Prof Farm Mat (P.O. Simpson) 12R J MUTTI PhD Prof Agr Mktg 2CUO-TUNG LIU MS Asst Nutr Biochem 3J A QUINN M.S Asst Prof Community Planning 2T G LOHMAN PhD Res Assoc Meats Sci 12S P MISTRY PhD Prof Nutr Biochem 1E H REGNIER DR Prof Rural Recreation 12A V NALBANDOV PhD Prof Anim Physiol 123F J REISS PhD Prof Farm Mgt and Land Econ 12H W NORTON PhD Prof Statis Design and Anal 12F N OWENS PhD Asst Prof Nutr 123J R ROUSH PhD Assoc Prof Egg and Poultry Mktg 3E L SAUER PhD Prof Rural Devlpmt 124S C SCHMIDT PhD Assoc Prof Mktq and Policy
3R B SCHWART PhD Assoc Prof Farm Mat 12B A RASMUSEN PhD Prof Anim Genet 3G E RICKETTS PhD Asst Prof Livestock Sheep 13H J SCHWEITZER PhD Assoc Prof Rural Sociol 3S F RIDLEN MS Prof Poultry 12J R ROMANS PhD Asst Prof Meats Sci 3H G RUSSELL MS Prof Livestock 12J T SCOTT Jr PhD Assoc Prof Farm Mat and Prod Econ 3L H SIMERL MS Prof Agr Outlook and Policy 12H M SCOTT PhD Prof Poultry 3F M SIMS MS Assoc Prof Farm Mat 12R H SMITH MS Asst Meat Tech 2D G SMITH MS Assoc Prof Farm Mat 2MICHIHIRO SUGAHARA PhD Res Assoc Swine 123R G SPITZE PhD Prof Agr Policy 3R J WEBB MS Prof Anim Sci (PO Simpson) 3L F STICE BS Prof Grain Mkta 124E R SWANSON PhD Prof Farm Mat and Prod Econ 3B A WEICHENTHAL PhD Asst Prof Livestock Beef Cattle 2TAKASHI TAKAYAMA PhD Prof Mktg Prices and 2Mrs JOYCE WILEY PhD Res Assoc Nutr Bi∞chem Statis 2Mrs LIDIJA ZALOKAR MS Asst Nutr Biochem 12W N THOMPSON PhD Prof Farm Mat and Policy 15R N VAN ARSDALL PhD Prof Farm Mgt 3270 Dairy Science 12J C VAN ES PhD Asst Prof Rural Sociol 123G W SALISBURY PhD Prof and Head of Dept 12V I WEST PhD Prof Prices and Statis
234D F WILKEN MS Assoc Prof Farm Mat
28 W WILLIAMS PhD Prof Dairy Mkta 12K E HARSHBARGER PhD Prof Nutr and Assoc Head 12H P BROQUIST PhD Prof Biol Chem 123J E WILLS PhD Prof Farm Mat

Dairy Science-Continued

12R E BROWN PhD Prof Nutr 12M P BRYANT PhD Prof Bact

3290-3340

ILLINOIS Extension Administration-Continued 3290 Editorial 13H W BEAN MS Asst Dir and Assoc Prof BULLETINS AND CIRCULARS 3MARTHA L DUNLAP PhD Asst Dir and Prof 23A W JANES MA Assoc Prof and Head 3W D MURPHY MPA Asst Dir and Prof 3M S WILLIAMS PhD Asst Dir and Prof 23VIKTORS GRISLERS MA Instrand Asst Pubs Ed 2R G MOORES MA Asst Prof and Pubs Ed 13E W ANDERSON PhD Prof and Ldr Ext Educ 2Mr.: JOAN E. O'BRYANT BS Asst Pubs Ed 3E J BARNES MS Assoc Prof and Asst State Ldr 3L J BIEVER PhD Assoc Prof Ext Adv Youth (PO Chicago) 2P W HEXROAT MS Instr and Asst Pubs Ed 23MARGERY F. SUHKE MA Assoc Prof and Pubs Ed 3H A CATE BS Assoc Prof Ext Commun Spec Dixon Springs (PO Simpson) AGRICULTURAL COMMUNICATIONS 3MARY CHEZE MS Instr 4-H Club Work 123HADLEY READ MS Prof and Head of Dept and Asst 3G J CHRISTEINSON MS Assoc Prof and Asst State Ldr Dir of Coop Ext Serv 3G L DAIGH Jr MS Asst Prof 4-H Club Work 12J H BEHRENS MS Asst Prof (India)
123G F. BEVARD BS Asst Prof and Commun Spec 3JEANNETTE B DEAN MS Assoc Prof and Asst State Ldr 3V L BRAZLE MS Instrand Vis Spec 3H H GORDON BS Assoc Prof and Asst State Ldr 3R E BROOKS BS Instr and Commun Spec 3F P GRAHAM MS Asst Prof and Asst State Ldr 3W F GRIFFITH BS Instr 4-H Club Work 3K F. CESSNA BS Instruma Graphics Spec 3R H COFTMAN BS Commun Spec 3F L HAEGELE MS Asst Prof 4-H Club Work 3D T DAHL BS Instrand Commun. Spec 3MARY M HOFFMAN MS Asst Prof 4-H Club Work 3Mrs CAROLYN R EVANSES Instrand Graphics Spec 30 L HOGSETT BS Asst Prof and Safety Spec 12J T HYANS PhD Asst Prof 3J C EVERLY PhD Instrand Commun Spec 3F J HOLHUBNER MS Asst Prof and Asst State Ldr 3Mrs MARY O HUBBARD MS Assoc Prof and Asst 3Mrs HELEN Z FRY RS Asst Prof and Commun Spec 123D A LIERMAN BS Instrand Vis Spec 3C W SCHERER BS Instrand Radio Spec State Ldr

3300

Engineering (Agr) 123F BLANHAM PhD Prof and Head of Dept 3F WANDHEW BS Assoc Prof Elec Power and Proc 123H H BEATY MS Prof Elec Power and Proc 12G D BUBENZER MS Instr Soil and Water 12B J BUTLER MS Assec Prof Power and Mach 12J O CURTIS PhD Assoc Prof Farm Structures 12D L TAY PhD Assoc Prof Farm Structures 3C J W DRABLOS MS Asst Prof Soil and Water 14R F ESPENSCHIED EdD Assoc Prof Farm Shop 12G F. HALL Phi) Asst Prof Elec Power and Proc 12F. L. HANSEN MS Prof Farm Structures 3R C HAY MS Prof Soil and Water 12D L HOAG PhD Asst Prof Power and Mach 124D R HUNT PhD Prof Power and Mach 3D G JEDELE MS Prof Farm Structures 12B A JONES Jr PhD Prof Soil and Water 12W D LEMBKE, PhD Assoc Prof Soil and Water
2J K MITCHELL MS Res Assoc Soil and Water
3A J MULHILING MS Assoc Prof Farm Structures 5W R NAVE MS Collab 124E F OLVER PhD | Frof Elec Power and Proc 25H B PUCKETT MS Assoc Prof and Collab 12G C SHOVE PhD Assoc Prof Elec Power and Proc 3J C SIEMENS PhD Assoc Prof Power and Mach 12J A WEBER MS Prof Power and Mach

12R R YOERGER PhD Prof Power and Mach

3310 Entomology 2W H LUCKMANN PhD Prof (Head of Sect State Natural Hist Surv) 2J E APPLEBY PhD Asst Prof For and Ornam Ins 2E J ARMBRUST PhD Asst Prof Forage Ins 2A C BANERJEE PhD Res Assoc Biol and Path 2D B BROERSMA PhD Asst Prof Soybean Ins 2W N BRUCE PhD Prof Pest Residues 2W L HOWE PhD Prof Corn Ins 3D E KUHLMAN MS Instr Com Ins 2J V MADEOX PhD Asst Prof Ins Path 2R H MEYER PhD Asst Prof Fruit Ins 3 STEVENSON MOORE III PhD Prof Livestock Ins 2K S PARK MS Asst Chem Pest Residues 2R D PAUSCH PhD Asst Prof Ins SteriI 3H B PETTY Jr PhD Prof Ins Control 3ROSCOE RANDELL MS Instr Fuit and Veg Ins 2KETURAH REINBOLD MS Res Asst Pest Residue Aquatics 2R E SECHRIEST PhD Asst Prof Soil Ins

Extension Administration

3320

3J B CLAAR PhD Dir and Prof

2Mrs JEAN G WILSON BS Res Assoc Pest Residues

5S M STURGEON BS Spec Asst Ent Ext Ins Surv

3LULA G KELLER BS Instr and Asst State Ldr 3W F LOMASNEY BS Assoc Prof Area Adv Food Merchandising and Consum Educ (PO Chicago) 3W F LOMASNEY BS Assoc Prof Food Merch & Cons

3GERTRUDE E KAISER MS Assoc Prof and Asst Ldr

Ext Educ

Educ (PO Chicago) 3R O LYONS MS Assoc Prof and State Ldr 4-H Club

Work 3MILDRED NUTTALL BEd Asst Prof and Asst State Ldr 3CAROL V REBBE EdM Asst Prof and Asst State Ldr 3E H REGNIER ReD Prof Rural Recreation 3F E HOO! BED Asst Prof Camp and Park Mat

3G F SONS MS Asst Prof and Asst State Ldr 3G W STONE MS Asst Prof 4-H Club Work 3MARIAN M SYMPSON MS Assoc Prof and Asst State Ldr 3R D WALKER EdM Asst Prof and Soil Conserv Spec

3FRANCES E WEBB MS Asst Prof and Asst State Ldr 23R J WEBB MS Prof and Supt Ext Prog Dixon Springs (PO Simpson)

3H J WETZEL MS Assoc Prof 4-H Club Work 3ARLENE WOLFRAM MS Asst Prof 4-H Club Work

3330 Food Science

123R T MILNER PhD Prof and Head of Dept 12C J ARGOUDELIS PhD Asst Prof Food Chem 2THEIN AUNG PhD Res Assoc Food Proc 2M K GOVIND BAO PhD Res Assoc Food Chem 12J H HETRICK PhD Prof Eatry Technol 2HARUKO HIRONO PhD Res Assoc Food Chem 2E J HSU PhD Res Assoc Food Microbiol 2YOUNG-JA KIM PhD Hes Assoc Food Chem 12F A KUMMEROW PhD Prof Food Chem 2G ELIZABETH MARY PhD Res Assoc Food Chem 2K ANARAYAN PhD Asst Prof Food Chem 12A I NELSON BS Prof Food Proc 12TOSHIRO NISHIDA PhD Assoc Prof Food Chem 12Z J ORDAL PhD Prof Food Microbiol 2MASAYUKI OSAJIMA PhD Res Assoc Food Chem 12E G PERKINS PhD Assoc Prof Food Chem 23V L PORTER MS Instr Dairy Technol 2DEMETRIUS SGOUTAS PhD Asst Prof Food Sci 12M P STEINBERG PhD Prof Food Engin 12JOSEPH TOBIAS PhD Prof Dairy Technol 12S L TUCKEY PhD Prof Dairy Technol 12L S WEI PhD Asst Prof Food Proc 12R M WHITNEY PhD Prof Dairy Technol 12H K WILSON PhD Assoc Prof Dairy Technol 12L D WITTER PhD Prof Food Microbiol

Forestry

123T E AVERY PhD Prof and Head of Dept 12W R BOGGESS MF Prof Silvics and Silvic 3W F BULKLEY BSF Asst Prof 3L B CULVER BSF Assoc Prof 3T W CURTIN MExtEd Asst Prof

3340

3340-3380 ILLINOIS

#### Forestry-Continued

23H W FOX BSF Asst Prof Sinnissippi For Mgt (PO Oregon)

12A R GILMORE DF Assoc Prof For Soils 12J K GUIHER PhD Asst Prof Wood Tech and Util

12I I HOLLAND PhD Prof For Econ

12J J JOKELA PhD Asst Prof For Genet

3R A KUNDROT MS Asst Prof 12R W LORENZ PhD Prof Dendrol

23R E NELSON BSF Asst Prof (PO Simpson)
2D H PERCIVAL MSF Res Assoc Prof Wood Tech and Util

12E W PRICE MS Instr Wood Tech and Util

12R G RENNEL'S PhD Assoc Prof Ent

12C S WALTERS DF Prof Wood Tech and Util

12T R YOCOM MF Assoc Prof For Mgt

2R A YOUNG MS Assoc For Silvic

#### Home Economics

3350 123JANICE M SMITH PhD Prof and Head of Dept 3GERALDINE E ACKER MS Prof Foods and Nutr 1H H ALEXANDER MFA Assoc Prof Housing and Home Furn

1KARLYNE A ANSPACH PhD Asst Prof Text and Cloth 1Mrs ANN S BAUGHMAN BS Asst Inst Mgt 12ESTHER L BROWN PhD Asst Prof Nutr 1Mrs VERA C CRUSIUS MS Instr Inst Mqt 1Mrs LAURA C DeWALL MS Instr Child Devlpmt 3CLARA F DODSON MA Asst Prof Home Furn 12MARILYN M DUNSING PhD Prof Fam Econ 1GRACE JOLLY EWING MS Instr Text and Cloth 12Mrs RUTH L GALBRAITH PhD Prof Text
1MARGARET R GOODYEAR MS Assoc Prof Home Mgt 3NYLA M GORHAM MS Asst Prof Foods and Nutr 3DOROTHY A GOSS MS Instr Fam Econ and Home Mat 1M VIRGINIA GUTHRIE MS Asst Prof Home Mat 23JEANNE L HAFSTROM MS Instr Fam Econ 12Mrs BARBARA E HANSON MS Instr Text
1Mrs PAULETA A HORNADAY BS Asst Inst Mqt BEULAH A HUNZICKER MS Assoc Prof Inst Mat

1Mrs COLLENE B KING MA Asst Prof Child Devlpmt 1Mrs BARBARA J KOSTELNICEK MEd Instr Housing and Home Furn 1NAOKO KUWAHARA MFA Instr Text and Cloth Design

1Mrs FRANCES M LaFONT MS Asst Prof Foods and

12Mrs GLENNA H LAMKIN MS Assoc Prof F∞ds 1Mrs MILLICENT V MARTIN MS Asst Prof Child Devlomt

2BEULAH V McKEY MS Asst Prof Nutr 3MARJORIE E MEAD MS Asst Prof Cloth IQUEENIE B MILLS EdD Prof Child Devlomt 1Mrs WILLIE M MOWRER PhD Assoc Prof Fam Relat 1Mrs ANDREA L PAGENKOPF PhD Asst Prof Foods 3LUCILE PEPOON MS Assoc Prof Fam Life 12Mrs AIKO K PERRY MS Instr Foods 3GLENDA L PIFER MS Asst Prof Housing and Equip 1BETTE T SCHAFFNER MS Asst Prof Foods 3K VIRGINIA SEIDEL MS Assoc Prof Home Furn

3ESTHER E SIEMEN MS Asst Prof Cloth 1R B SMITH EdD Assoc Prof Music in Home Econ 3MARJORIE A SOHN MS Asst Prof Cloth

12M J SPORAKOWSKI PhD Asst Prof Fam Relat 1Mrs LORRAINE D TREBILCOCK MS Prof Text and Cloth

12L D VAN DEN DAELEN PhD Asst Prof Child Devlomt

12FRANCES O VAN DUYNE PhD Prof Foods 3CLARETA WALKER MS Asst Prof Fam Life 1Mrs TAM-THI-DANG WEI PhD Asst Prof Child Devlpmt 1HELEN K ZWOLANEK AM Assoc Prof Text and Cloth

### Horticulture

3340

123C J BIRKELAND PhD Prof and Head of Dept 12C Y ARNOLD PhD Prof Veg Crops 2H C BARRETT PhD Assoc Prof Plant Genet 2LILIAN H BECK BS Asst Hort 12LEONARD BEEVERS PhD Assoc Prof Plant Physiol 13J D BUTLER PhD Asst Prof Turf

#### Horticulture - Continued

3M C CARBONNEAU PhD Assoc Prof Ornam

2C Y CHU MS Asst Cytol

23J W COURTER MS Asst Prof Hort (PO Simpson)

12J R CULBERT MS Prof Flor

12D F DAYTON PhD Prof Plant Genet

1W L DENMARK BS Asst Prof Climatol

12D B DICKINSON Jr PhD Assoc Prof Plant Physiol 13G M FOSLER MS Instr Flor

123J B GARTNER PhD Prof Ornam

12T K HODGES PhD Assoc Prof Plant Physiol

23H J HOPEN PhD Asst Prof Veq Crops 123E R JAYCOX PhD Assoc Prof Apic 2W A KELLEY BS Asst Hort

12M B LINN PhD Prof Plant Path 12J P McCOLLUM PhD Prof Plant Physiol

2J C McDANIEL BS Asst Prof Hort 3D B MEADOR PhD Asst Prof Pomol

12M M MEYER Jr PhD Asst Prof Nursery Mat

2M JOAN MISCH MS Asst Hort

2J B MOWRY PhD Prof Hort (PO Carbondale) 13W R NELSON Jr BS Assoc Prof Landsc Gard

2A S OTTERBACHER MS Asst Hort

123DWIGHT POWELL PhD Prof Plant Path

2A M RHODES PhD Assoc Prof Plant Genet 12D C SAUPE MS Instr Flor

2R K SIMONS PhD Prof Pomol

2PATRICIA W SPENCER MS Asst Hort 12W E SPLITTSTOESSER PhD Asst Prof Plant Physiol 124A E THOMPSON PhD Prof Plant Genet

12J S TITUS PhD Prof Pomol

13J S VANDEMARK PhD Prof Veg Crops 123C C ZYCH PhD Assoc Prof Pomol

#### Plant Pathology

3370

123W M BEVERPhD Prof and Head of Dept TL M BLACK PhD Prof Virol

2Mrs SHIRLEY BOHM BS Res Asst Antibiotics

13M P BRITTON PhD Assoc Prof Agron Crops and Turf Dis

2PERLA H CANARES MS Res Asst Virol

1J C CARTER PhD Prof Tree Dis

15D W CHAMBERLAIN PhD Asst Prof Soybean Dis

2F L DAVIES PhD Res Assoc Antibiotics 2R H DU BUS Asst Biochem Biochem of Fungi

15D I EDWARDS PhD Asst Prof Nematol

1J L FORSBERG PhD Prof Omam Dis

12J W GERDEMANN PhD Prof Mycornhiza
12DAVID GOTTLIEB PhD Prof Antibiotics

15L E GRAY PhD Asst Prof Soybean Root Rhizosphere 2BARBARA J GRUNER BS Res Asst Biochem of Fungi 1WALTER HARTSTIRN PhD Asst Prof Ornam Dis

12Å L HOOKER PhD Prof Com Dis

15HENRYK JEDLINSKI PhD Asst Prof Virol

5T J LANIER BS Collab Plant Pest Control

2S M LIM PhD Res Assoc Corn Dis 12M B LINN PhD Prof Veg Dis

12R B MALEK PhD Asst Prof Nematol
12J D PAXTON PhD Asst Prof Phytoalexins

12DWIGHT POWELL PhD Prof Fruit Dis

2K M S SAXENA PhD Res Assoc Corn Dis

1D F SCHOENWEISS PhD Asst Prof Omam Dis

2P D SHAW PhD Assoc Prof Antibiotics

13M C SHURTLEFF PhD Prof Fruit and Veg Dis

2BOLESLAW SKOWRONSKI PhD Res Assoc Antibiotics 2D R SMITH BS Asst Path Com Dis

124D P TAYLOR PhD Assoc Prof Nematol 2Mrs MARY R THOMPSON MS Res Asst Virol

12H H THORNBERRY PhD Prof Virol 2R K TRIPATHI PhD Res Assoc Antibiotics

# Veterinary Medicine

3380

2L MEYER JONES DVM PhD Prof and Dean of Col 2P D BEAMER DVM PhD Prof Path and Hya

23H N BECKER DVM MS Asst Prof Anim Biol

2N L BLUMSOM PhD Assoc Prof Physiol and Pharmacol 2D H FERRIS PhD Assoc Prof Path and Hya

2P R FITZGERALD PhD Prof Path and Hya

2L E HANSON DVM PhD Prof Path and Hya

2W G HUBER DVM PhD Prof Physiol and Pharmacol

#### Veterinary Medicine-Continued

2G L JACKSON PhD Asst Prof Physiol and Pharmacol 2N D LEVINE PhD Prof Parasitol

2R P LINK DVM PhD Prof Physiol and Pharmacol

23M F. MANSFIELD BS DVM Prof Anim Biol (PO Simpson) 3.I R PICKARD DVM MS Prof Anim Biol

2MIODRAG RISTIC DVM PhD Prof Path and Hva 2L E ST CLAIR DVM PhD Prof Anat and Histol

2DIEGO SEGRE DVM PhD Prof Microbiol and Public Health

2JOSEPH SIMON DVM PhD Prof Path and Hya 2G T WOODS DVM MPH MS Prof Microbiol and Public Health

# Vocational Agriculture Service

3390

1J W MATTHEWS PhD Prof and Head of Serv 1R L COURSON PhD Asst Prof

1R F ESPENSCHIED EdD Asst Prof.

1.J H HERBST PhD Assoc Prof

1W H WITT MS Assoc Prof

#### The School of Agriculture Southern Illinois University, Carbondale 62901

1 College Staff 5 Coop USDA

3400

1D : MORRIS PhD LHD Pres of Univ (618-453-2211) 1R G MANSUN PhD | Coord Res and Proj (618-453-2273) 1W E KEEPPER PhD | Dean of Sch of Aar (618-453-2469)

# 3405

1J W ANDRESEN PhD Prof and Chmn of Dept

5J W BROWNELL MS Adjunct Prof

1C A BUDELSKY PhD Asst Prof

1A G CHAPMAN PhD Adjunct Prof

5P Y CHEN PhD Adi Prof

1D T FUNK MS Adi Prof

1N W HOSLEY PhD Prof

1MARGARET KAEISER PhD Assoc Prof

5EDWIN KALLIO MS Adj Prof

5F F LANDT BS Ad Prof

5C K LOSCHE PhD Adj Prof

1D R McCURDY PhD Asst Prof 5L S MINCKLER PhD Adı Prof

1R M MISCHON MS Asst Prof 1A A MOSLEMI PhD Assoc Prof

1F P NEUMANN MS Asst Prof

5R E PHARES PhD Adi Prof

1P L ROTH PhD Asst Prof

#### INDIANA

Schools of Agriculture, Home Economics, and Veterinary Medicine; the Purdue University Agricultural Experiment Station, the Purdue University Cooperative Extension Service, and the Purdue University International Programs in Agriculture of Purdue University. Lafayette, 47907

 ${\tt 1College\ Staff} \hspace{0.5cm} {\tt 2Station\ Staff} \hspace{0.5cm} {\tt 3Extension\ Staff}$ 4Leave of Absence 5 Coop USDA 6Coop USDC and USDI 7International Program Staff

3410

123F L HOVDE MA DSc LLD DEng Pres of Univ (317-749-2108)

1L J FREEHAFER BS Vice Pres and Treas (317-749-2121)

1G A HAWKINS PhD Vice Pres for Academic Affairs (317-749-2211)

1F N ANDREWS PhD Vice Pres for Res and Dean of Grad Sch (317-749-2146)

1D R MALLETT PhD Vice Pres and Exec Dean (317-749-2105)

1C H LAWSHE PhD Vice Pres Regional Campus Admin (317-749-2221)

1237R L KOHLS PhD Dean of Aar (317-749-2411)

2H H KHAMER PhD Dir of Sta and Assoc Dean of Aar (317-749-2461)

2N K ELLIS PhD Assoc Dir of Sta (317-749-2462)

311 G DIESSLIN PhD Dir of Aar Ext and Assoc Dean of Agr (317-749-2413)

3P E CROOKS DPA Assoc Dir of Fxt (317-749-2413)

3.I O DUNBAR PhD Asst Dir of Ext (317-749-2413)

13R B WILSON PhD Asst Dir of Ext (317-749-2413) 1V C FREEMAN MS Dir of Resident Instrumd Assoc Dean of Agr (317-749-2403)

1D C PFENDLER MS Asst Deam of Sch of Agr (317-749-2402)

123EVA L GOBLE PhD Dean of Sch of Home Econ (317-749-2671)

12E V MORSE DVM PhD Dean of Sch of Vet Sci and Med (317-749-2873)

12R L MORTER DVM PhD Prof and Assoc Dean for Res of Sch of Vet Sci and Med (317-749-4296)

1.J. J. STOCKTON DVM PhD Prof and Assoc Dean for Academic Affairs of Sch (317-749-3666)

1A R ALLEN MS Assoc Prof Med Illus

271) W THOMAS PhD Dir of Internatl Prog in Aar and Assoc Dean of Aar (317-749-3753)

137R R FOSBRINK MS Asst Dir Internatl Proa in Aar and Asst to Dean of Agr (317-749-2412)

7EGOTTE #S Asst to Dir Internatl Prog in Agr (317-749-3753)

23J E PENKEN . S. Chief Bus Admin for Acr (317-749-2407)

#### 3420 Agronomy

123J B PETERSON PhD Prof Soil Chem and Head of Dept (317-749-2893)

12A R HILST PhD Prof Field Crops and Asst Head of Dept

12F L PATTERSON PhD Prof Crop Brdg Hybridization and Asst Head of Dept

12J L AHLHICHS PhD Assoc Prof Soil Chem

12J D AXTELL PhD Asst Prof Plant Genet 12S A BARBER PhD Prof Soil Fert Mat

25R F BARNES PhD Assoc Prof Pasture and Forage Crops

2L F BAUMAN PhD Prof Genet

12M F BAUMGARDNER PhD Prof Soil Fert Mat

12B O BLAIR PhD Prof Field Crops

2R D BRONSON PhD Prof Soil Fert Chem
25R J BULA PhD Prof Pasture and Forage Crops

5C I BUSSARD BS Grad Instr Pasture and Forage Crops

13F. P. CHRISTMAS PhD Asst Prof Soil Fert Mgt

2P L CRANE PhD Assoc Prof Crop Brda Hybridization

12R F DALE PhD Assoc Prof Aur Met

123W H DANIEL PhD Prof Turf and Ornam Crops

23K M DAY BS Instr Soil Fert Mat

2J R FENWICK BS Grad Instr Field Crops

2D P FRANZMEIER PhD Assoc Prof Soil Genesis Classif and Mappina

23H M GALLOWAY MS Assoc Prof Soil Genesis Classif and Mappina

12D V GLOVER PhD Assoc Prof Crop Brdq Hybridization

23B J HANKINSMS Instr Field Crops

23M E HEATH BS Assoc Prof Pasture and Forage Crops

2H F HODGES PhD Assoc Prof Plant Physiol

12D A HOLT PhD Asst Prof Pasture and Forage Crops

23E L HOOD PhD Asst Prof Soil Fert Mat

12W F KEIM PhD Prof Pasture and Forage Crops 12HELMUT KOHNKE PhD Assoc Prof Soil Phys

2H R KOLLER PhD Asst Prof Plant Physiol

3G M LESSMAN PhD Asst Prof Soil Fert Mgt

12K J LESSMAN PhD Assoc Prof Plant Genet

12P F LOW PhD Prof Soil Chem 20 W LUETKEMEIER MS Supt Agron Farm Crop Mgt

5W G LYNCH BS  $\,$  Instr Pasture and Forage Crops 23J V MANNERING PhD Asst Prof Erosion and

Sedimentation 25R G MAY BS Instr Pasture and Forage Crops

12W W McFEE PhD Asst Prof Soil Fert Mat

3420-3450 INDIANA

#### Agronomy-Continued Animal Sciences - Continued 12D W NELSON PhD Asst Prof Soil Bact 3H H MAYO BS Assoc Prof Livestock Ext 12J E NEWMAN MS Assoc Prof Bioclimatol 234V B MAYROSE PhD Asst Prof Brazil Tech Asst 12W E NYOUIST PhD Prof Statis and Quant Genet Prog Monogastric Nutr 12A J OHLROGGE PhD Prof Soil Fert and Plant Nutr 2CONNIE MIRACLE BS Supt Normandy Farm 123M W PHILLIPS PhD Assoc Prof Soil Fert Mat 12R C PICKETT PhD Prof Crop Brda Hybridization 3N J MOELLER BS Asst Prof Dairy Ext 2M T MOHLER MS Asst Prof Beef Cattle Res 25A H PROBST PhD Prof Crop Brda Hybridization 2M E MYERS BS Asst Insp of Creamery License 23W D REISS PhD Asst Prof Field Crops 12H W REUSZER PhD Assoc Prof Soil Bact 12C L RHYKERD PhD Prof Pasture and Forage Crops 23L A NELSON PhD Asst Prof Beef Cattle 12C H NOLLER PhD Prof Ruminant Nutr and Mat 123J B OUTHOUSE PhD Prof Livestock Mat 2S J ROSS MS Instr Soil Fert Mat 12C E PARMELEE PhD Assoc Prof Food Sci 26L A SCHAAL BS Instr Phys Climatol 12T W PERRY PhD Prof Nutr 5J C SHANNON PhD Assoc Prof Plant Physiol 12M P PLUMLEE PhD Prof Nutr 13L H SMITH MS Assoc Prof Pasture and Forage Crops 1P E PRITCHETT BS Asst Supt of Creamery License 3B E SOUTHARD Jr BS Instr Soil Fert Mgt IV D RHODES BS Asst Prof and Supt of Creamery 3C D SPIES MS Assoc Prof Soil Fert Mat 26W L STIRM BS Grad Instr Aar Met 12J C ROGLER PhD Prof Monogastric Nutr 124FRANK ROSE PhD Asst Prof Brazil Tech Asst Prog 23R K STIVERS PhD Assoc Prof Soil Fert Mat Physiol Anim Brda 12DALE SWARTZENDRUBER PhD Prof Soil Phys 12W H SMITH PhD Prof Monogastric Nutr 23M L SWEARINGIN PhD Assoc Prof Field Crops 123W J STADELMAN PhD Prof Food Sci 12H P ULRICH BS Assoc Prof Soil Classif and Mapping 3R W STEIN MS Assoc Prof Food Sci 12J L WHITE PhD Prof Soil Mineral 12MARTIN STOB PhD Prof Physiol 123DANIEL WIERSMA PhD Prof Soil Moisture 2B W VIRGIN BS Instr Swine Nutr 5S P WILSON PhD Assoc Prof Genet 5J R WILCOX PhD Assoc Prof Crop Brda Hybridization 3J E YAHNER PhD Asst Prof Soil Fert Mat 5J B WILTSHIRE Fed-State Supvr of Poultry and 12A L ZACHARY PhD Asst Prof Soil Genesis Classif Eaa Gradina and Mapping 2Mrs SHIRLEY WOLFE BS Instr Statis **Animal Sciences** 3430 Biochemistry 3440 123J L KRIDER PhD Prof and Head of Dept 12BERNARD AXELROD PhD Prof Head of Dept Plant (317-749-2455) Biochem (317-749-2391) 123R E ERB PhD Prof and Asst Head of Dept 2PAULINE BALBACH Instr Seed Tech 12E D ABERLE PhD Asst Prof Food Sci 12K G BRANDT PhD Asst Prof Enzyme Kinetics 12L G BUTLER PhD Assoc Prof Phosphate Metabolism 23R L ADAMS PhD Assoc Prof Monogastric Nutr 123J L ALBRIGHT PhD Prof Dairy Cattle 12C W ALLISTON PhD Assoc Prof Physiol 2J G EIKENBERRY MS Admin Asst 2L G HAMBLETON BS Instr Anal Chem 2W I ARNOLD BS Instr Swine Eval Sta 12H D JACKSON PhD Assoc Prof Metabolic Dis 12F J BABEL PhD Prof Food Sci 12K H KIM PhD Asst Prof Devlomt Biochem 12W M BEESON PhD Prof Genet 12G B KOHLHAW PhD Assoc Prof Enzyme Mechanisms 12A E BELL PhD Prof Genet 12D W KROGMANN PhD Prof Phytochem 12B B BOHREN PhD Prof Genet 12J A KUC' PhD Prof Plant Dis Chem 12C M BROWN MS Admin Asst 12E T MERTZ PhD Prof Amino Acids Proteins 123J R CARSON PhD Prof Genet 12H E PARKER PhD Prof Inorganic Chem 12T R CLINE PhD Asst Prof Monogastric Nutr 12V F COLENBRANDER PhD Asst Prof 2E A PETERSON Field Auditor 12J H CONRAD PhD Prof Monogastric Nutr 12F W CUACKENBUSH PhD Prof Lipids 2H S RACHEB PhD Asst Prof Microbiol 12F E REGNIER PhD Asst Prof Ins Pheromones 12V W RODWELL PhD Assoc Prof Intermediary 12B W CROWL MS Asst Prof 12M D CUNNINGHAM PhD Assoc Prof Ruminant Nutr 23W M DILLON PhD Assoc Prof Genet Metabolism 12D P DOOLITTLE PhD Assoc Prof Genet 2R C RUND BS Admin Off 23K J DREWRY PhD Assoc Prof Genet 12E D SCHALL PhD State Chem Seed Commissioner 12W R FEATHERSTON PhD Prof Nutr Prof Anal Chem 123R W FERLING MS Bus Off Rep 12L C SHENBERGER MS Asst Prof Seed Tech 12R L SOMERVILLE PhD Assoc Prof Biochem Genet 2H F FORD MS In Cha of Creamery License Div 23J C FORREST PhD Assoc Prof Food Sci 12S H STOUT BA Comptroller Rep 23J R FOSTER PhD Assoc Prof Monogastric Nutr 2AMMON SWOPE Jr BS Chief Insp 1J T FROST MS Assoc Prof Livestock Mat 2J R WEILBAKER BS Instr Anal Chem 12HENRY WEINER PhD Asst Prof Metallo-Proteins 12V A GARWOOD PhD Assoc Prof Anim Brda 3 S M GREGORY MS Assoc Prof Diary Ext 12R D HALLECK MS Admin Asst 12R L WHISTLER PhD Prof Carbohydrates 12R B HARRINGTON PhD Assoc Prof Statis 12HOWARD ZALKIN PhD Assoc Prof Metabolism Cont 1H B HENDRICKS BS Instr Meat Sci 123D L HILL PhD Assoc Prof Physiol 5R L HOGUE BS Exec Secy Ind State Poultry Assn and Botany and Plant Pathology 3450 123G B CUMMINS PhD Head of Dept (317-749-2947) 25T S ABNEY Asst Prof Plant Path Ind State Eag Bd 2R B ASHMAN PhD Assoc Prof Genet 25K L ATHOW PhD Prof Plant Path 3RICHARD HOLLANDBECK PhD Prof Swine Ext 12R E HUNSLEY PhD Asst Prof Beef Cattle 12J B BANCROFT PhD Prof Plant Path 3D D JACKSON MS Assoc Prof Food Sci 12H W JONES PhD Prof Swine Mgt 12G B BERGESON PhD Asst Prof Plant Path 2C E BRACKER Jr PhD Assoc Prof Plant Path 123M D JUDGE PhD Prof Food Sci 12T W KEENAN PhD Asst Prof Food Sci 2R M CALDWELL PhD Prof Plant Path 5T B KINNEY PhD Coord NC Regional Poultry Brda 12R W CURTIS PhD Prof Soil Microbiol 2ARTHUR DALBY PhD Assoc Prof Biochem Genet Lab Genet 12B J LISKA PhD Prof Food Sci 125R J GREEN Jr PhD Prof Plant Path 12JACK LONG PhD Prof Poultry 12J F HENNEN PhD Prof of Bot 12N S LUNDQUIST PhD Prof Ruminant Nutr 3K G MacDONALD MS Assoc Prof Livestock Ext 12R J HULL PhD Asst Prof Plant Physiol

12C B KENAGA PhD Assoc Prof Plant Path

2F A LAVIOLETTE MS Asst Prof Plant Path 2R M LISTER PhD Assoc Prof Plant Path

12J L KEY PhD Prof Plant Physiol

12P V MALVEN PhD Assoc Prof Physiol

12T G MARTIN PhD Prof Anim Brdg

3450-3490

#### Botany and Plant Pathology - Continued

- 12D J F MORRE PhD Assoc Prof Plant Physiol
- 120 E NELSON Jr PhD Prof Genet
- 2S N POSTLETHWAIT PhD Prof Bot
- 23M A ROSS PhD Asst Prof Bot
- 13R W SAMSON PhD Prof Plant Path
- 25M M SCHREIBER PhD Assoc Prof Plant Physiol
- 3D H SCOTT PhD Asst Prof Plant Path 2G E SHANER PhD Asst Prof Plant Path
- 13E G SHARVELLE PhD Prof Plant Path
- 2M L TOMES PhD Prof Genet
  12J F TUITE PhD Assoc Prof Plant Path
- 12A J ULLSTRUP PhD Prof Plant Path
- 125E B WILLIAMS PhD Assoc Prof Plant Path
- 123J L WILLIAMS Jr PhD Assoc Prof Bot

#### Cooperative Extension Service

3455

#### ADMINISTRATION

- 3H G DIESSLIN PhD Prof Dir and Assoc Dean (317-749-2413)
- 3P B CROOKS DPA Prof and Assoc Dir
- 3J O DUNBAR PhD Prof and Asst Dir
- 3H L EWBANK PhD Assoc Prof and Asst to Dir Training and Res
- 3R J FRIST PhD Dist Admin
- 3R E GELZLEICHTER MS Instrand Asst to Dir Admin Mat
- 3F M NORTHRUP MS Asst to Dir Pers Mat
- 3D R TROYER PhD Asst Prof and Dist Admin
- 13R B WILSON PhD Prof and Asst Dir

#### AUDIO-VISUAL PRODUCTION

- 13E C FERRINGER MS Assoc Prof and Head of Dept
- 3H R KNAUS BS Prod Coord
- 3V E PUTNAM BA Oper Coord 3D E STICHTER BS Vis Aids Spec
- 3F E VAN PELT MA Vis Aids Spec

#### 4-H AND YOUTH

- 3E L FRICKEY MS Prof of Educ and Head of Dept
- 3W E CALDWELL MA Asst State Ldr Youth
- 3H B CRUSSEL MS Ext Spec Young Adults
- 23D H DOSTER PhD Asst Prof Agr Econ Mat
- 3C A GOSNEY MS Ext Spec Youth
- 3E A HOLM MS Ext Spec Youth 3G F JONES MS Ext Spec Recreation
- 3SARA S NARAGON MS Ext Spec Youth 3NANCY A NORRIS MS Ext Spec Youth
- 3BILL L PEEK MS Ext Spec Youth
- 3ANNABEL J RUPEL MS Ext Spec Youth
- 3ALLEN SLICKERS BS Ext Spec Youth
- 3MARY F SMITH MS Ext Spec Youth
- 3H B TAYLOR MS Ext Spec Youth

# Economics (Agr)

3460

- 123C E FRENCH PhD Prof Aar Econ and Head of Dept Mktg (317-749-2066)
- 123E M BABB PhD Prof Aar Econ and Asst Head (Res) Mkta and Aar Bus Mat
- 123J C BOTTUM MS Prof Agr Econ and Asst Head (Ext) Policy
- 123J H ARMSTRONG PhD Assoc Prof Agr Econ Livestock Mkta
- 12J H ATKINSON PhD Prof Agr Econ Finance
- 23D H BACHE MS Instr Agr Econ Mgt
- 12W V CANDLER PhD Prof Agr Econ Res Methodol
- 23E E CARSON PhD Assoc Prof Agr Econ Mgt
- 23H V COURTENAY MS Instr Agr Econ Consumption Econ
- 123W D DOWNEY PhD Asst Prof Agr Econ Mktg
- 12L M EISGRUBER PhD Prof Aur Econ Prod Econ
- 12P L FARRIS PhD Prof Agr Econ Prices
- 23W S FARRIS PhD Prof Agr Econ Grain Mkta 3N S HADLEY BS Prof Agr Econ Mat
- 12R C HAIDACHER PhD Asst Prof Agr Econ Mktg and Prices
- 4L S HARDIN PhD Prof Agr Econ Mat
- 4JOSEPH HAVLICEK Jr PhD Prof Agr Econ Econometrics
- 23J M HUIE PhD Asst Prof Aar Econ Econ Devlomt

### Economics (Agr)-Continued

- 25G D IRWIN PhD Assoc Prof Agr Econ Prod Econ
- 4B F JONES PhD Assoc Prof Agr Econ Mat Brazil AID Prog
- 12J W JUDY PhD Asst Prof Agr Econ and Vet Sci Agr Bus Mat
- 12MONTE JUILLERAT PhD Assoc Prof Agr Econ Gen Mkta
- 4J E KADLEC PhD Prof Agr Econ Mat
- 12E W KEHRBERG PhD Prof Agr Econ Prod Econ Brazil AID Prog
- 23K W KEPNER PhD Assoc Prof Agr Econ Food Distrib and Dairy Mkta
- 12R D KNUTSON PhD Asst Prof A ar Econ Gen Mkta
  3J B KOHLMEYER MS Assoc Prof A ar Econ Policy
- 3H W LEONARD MS Assoc Prof Agr Econ Mat
- 4J K MCDERMOTT PhD Prof Aar Econ Corn Devlomt
- 12W L MILLER PhD Asst Prof Aar Econ Com Devipmt 12A J MINDEN PhD Asst Prof Aar Econ Prod Econ
- 123W H M MORRIS PhD Prof Agr Econ Mgt
- 12L L NELSON PhD Asst Prof Acr Econ Finance
- 123E C OESTERLE PhD Prof Agr Econ Dist Econ 12DON PAARLBERG PhD Prof Agr Econ Policy
- 23M T POND PhD Assoc Prof Agr Econ Econ Devlomt Brazil AID Proa
- 2H R POTTER PhD Assoc Prof Agr Econ Brazil AID Proa
- 23R J RADES MS Instr Agr Econ Prod Econ
- 23P R ROBBINS PhD Assoc Prof Agr Econ Mat 23 C A SARGENT PhD Assoc Prof Agr Econ Mat
- 23R E SCHNEIDAU PhD Assoc Prof Agr Econ Livestock Mkta
- 23L F SCHRADER PhD Assoc Prof Agr Econ Mktg
- 4G E SCHUH PhD Prof Agr Econ Resource Econ
- 3F V SMITH MS Asst Prof Aar Econ Mat
- 12J C SNYDER PhD Assoc Prof Agr Econ Agr Bus Mgt
- 12R C SUTER PhD Assoc Prof Aar Econ Mat
- 12R W TAYLOR PhD Assoc Prof Agr Econ Mgt 12D W THOMAS PhD Prof Agr Econ Resource Econ
- 23 J N UHL PhD Asst Prof Aar Econ Fruits and Vea
- Mkta and Consumption
- 23W H UHRIG PhD Assoc Prof Aar Econ Mat and Prices
- 23H A WADSWORTH PhD Assoc Prof Agr Econ Econ Devlomt
- 23T K WHITE PhD Asst Prof Aar Econ Mat
- 12D C WHYBARK PhD Asst Prof Agr Econ Agr Bus Mgt

# Editorial

- 23E C FERRINGER MS Head of Dept Agr Inform (317-749-
- 23Mrs FRANCOISE BERGERE BA Pub Artist
- 23S F BRINES BA Pub Ed 23D L DINGER BA Pub Ed
- 23Mrs JOANNA HESHER BA Pub Ed 23Mrs GRETCHEN HILL MS Pub Ed
- 23E E KIRKPATRICK BA News Ed
- **3W** L MADIGAN BA News Ed **23**G K NUGENT MS TV-Radio Ed
- 3Mrs BARBARA OTTEN BS Fam Living Radio and News Ed
- 23R L REEDER BA Ed
- 123 J A SMITH MS Pub Ed
- 23H S TYLER MS Radio-TV Ed

# Education (Agr)

3480

- 1J P CLOUSE PhD Assoc Prof Agr Educ and Head Teacher Educ (317-749-2093)
- 1R R BENTLEY PhD Prof Agr Educ 1E E CLANIN PhD Assoc Prof Agr Educ
- 1W H HAMILTON PhD Asst Prof Agr Educ
- 1L R HILTERBRAND EdD Asst Prof Agr Educ

# Engineering (Agr)

3490

- 123G W ISAACS PhD Prof Acr Engin and Head of Dept (317-749-3770)
- 25J R BARRETT Jr MSAE Instr Rural Elec
- 1D F BLINE MS Assoc Prof Surveying
  1A D BROWN MSEd Assoc Prof Farm Shop

3490-3530 INDIANA

Engineering (Agr)-Continued

12A C DALE PhD Prof Farm Structures	2R H PERKINS PhD Instr For
3J R FOLEY MSEd Asst Prof Farm Structures 25G H FOSTER MS Assoc Prof Proc	12J F SENFT PhD Instr For
123W H FRIDAY MSAE Asst Prof Farm Structures	1E W STARK PhD Prof For
25F W HARWOOD BSAE Instr Rural Elec	2S K SUDDARTH PhD Prof For 2G H WEAVER MSF Instr For
12C G HAUGH PhD Assoc Prof Proc	20 II WEAVER WISH TO
12C N HINKLE PhD Assoc Prof Farm Structures	Home Economics 3530
12L F HUGGINS PhD Asst Prof Soil and Water	ADMINISTRATION
123P E JOHNSON MS Asst Prof Power and Mach	12EVA L GOBLE PhD Dean of Sch of Home Econ and
12R M LIEN MSAE Assoc Prof Power and Mach	Head of Dept of Home Econ Aar Expt Sta
12J B LILJEDAHL PhD Prof Power and Mach 13B A MCKENZIE MSAE Assoc Prof Proc	(317-749-2671)
23J E MENTZER MSAE Asst Prof Form Structures	3ANITA DICKSON EdD Assoc Prof Home Econ Ext and
25L D MEYER PhD Assoc Prof Soil and Water	Assoc Dean
12E J MONKE PhD Prof Soil and Water	12CORADEL HAMILTON PhD Prof Home Econ and Assoc Dean of Sch of Home Econ
23S D PARSONSMSAE Asst Prof Power and Mach	3MARTHA HOLST MS Asst Prof Home Econ Ext and
12R M PEART PhD Prof Proc	Prog Ldr
2R W SKAGGS MSAE Instr Soil and Water	3JANE KNAPP MS Asst Prof Home Econ Ext cond
25R A THOMPSON BS Instr Proc	Prog Ldr
3F R WILLSEY EdD Assoc Prof Farm Safety	1Mrs JEANNE LEFFLER MSEd Asst Prof Home Ecom
25W H WISCHMEIER MS Assoc Prof Soil and Water	and Academic Counselor
12G L ZACHARIAH PhD Assoc Prof Proc	1Mrs BERTANEL LONG MS Inst Home Econ and
Entomology 3500	Academic Counselor
123J V OSMUN PhD Prof Head of Dept Indus	3JANALYCE ROULS MS Asst Prof Home Econ Ext and Prog Ldr
(317-749-2917)	1Mrs LUCILLE WILSON MS Asst Prof Home Econ and
12R H ARNETT PhD Prof Biosystem	Academic Counselor
12LELAND CHANDLER PhD Prof Biosystem	
36F R COURTSAL BS Asst Prof Vertebrate Control	CLOTHING AND TEXTILES
12R C DOBSON PhD Prof Livestock Ins	12MARGARET M BOYLE PhD Prof Cloth and Text and
12C A EDWARDS Assoc Prof Ecol	Head of Dept
2J E FAHEY MS Assoc Prof Residues 12J M FERRIS PhD Assoc Prof Nematol	1Mrs JEAN H DAVIS MS Assoc Prof
2VIRGINIA R FERRIS PhD Asst Prof Nematol	3Mrs BILLIE ELLSWORTH BS Instr
12W J FISCHANG PhD Assoc Prof Behavior	3Mrs LOIS GOTWALS MS Asst Prof 1Mrs MARY ALICE NEBOLD MS Asst Prof
25R L GALLUN PhD Assoc Prof Host Plant Resistance	1Mrs TILLIE RATCLIFF MA Instr
12R L GIESE PhD Prof For Ins	1ESTHER F RUPEL MS Asst Prof
2G E GOULD PhD Prof Vea and Soil Ins	1MADELINE RUSSELL MSHE Asst Prof
25J J HAMM MS Instr Biol Control	1BARBARA SCHLINKERT MS Asst Prof
25JIMMIE HATCHETT MS Instr Host Plant Resistance 2T E HINTZ BS Instr Forage	12ELIZABETH THOMAS PhD Prof Cloth and Textiles
12R M HOLLINGWORTH PhD Asst Prof Toxicol	1PHYLLIS M ZACK MS Asst Prof
23R T HUBER MS Instr Detection	POLITAMENT AND PARTLY HOUSING
3G E LEHKER MS Prof Ext	EOUIPMENT AND FAMILY HOUSING  12KATHLEEN JOHNSTON PhD Prof Equip and Fam
3D L MATTHEW MS Assoc Prof Ext	Housing and Head of Dept
2R W MEYER MS Instr Field Ecol	1CHARLAN GRAFF MS Asst Prof
3T A PARKER MS Instr	3EZELLE JOHNSON MS Asst Prof
12J D PASCHKE PhD Assoc Prof Biol Control 23D L SCHUDER PhD Prof Ornorn Ins	1Mrs MARY E KLINGSTEDT EdD Assoc Prof
2R E SHADE BS Instr Forage	1Mrs M VIRGINIA PEART MS Instr 1SANDRA M WESTALL MS Instr
12D L SHANKLAND PhD Prof Physiol	ISANDRA W WESTALL WS INST
2M C WILSON MS Assoc Prof Forage	FOODS AND NUTRITION
	12ELWOOD T REBER PhD Prof Food and Nutr and
Forestry and Conservation 3520	Head of Dept
123W C BRAMBLE PhD Prof and Head of Dept	3MARCILE ALLEN MS Asst Prof
(317-749-2488)  12D L ALLEN PhD Prof Wildlife Ecol	12Mrs VIANNA D BRAMBLETT MSHE Assoc Prof and
12T W BEERS PhD Assoc Prof For	Assoc Home Econ Aar Expt Sta 1MARJORIE BRUBACHER MS Instr
12W F BEINEKE PhD Asst Prof For	12HELEN E CLARK PhD Prof and Assoc Home Econ
23R C BRUNDAGE MSF Assoc Prof For	Acr Expt Sta
12W R BYRNES PhD Prof For	3MIRIAM EADS MS Assoc Prof
12J C CALLAHAN PhD Prof For	1MARY E FUQUA PhD Prof
12C AECKELMAN Instr For	1Mrs MARY K HEAD PhD Asst Prof
3W L FIX BSF Asst Prof For	1JEAN MA HOWE PhD Asst Prof
120 F HALL PhD Prof For	1Mrs KAREN JAMESON MS Instr 12AVANELLE KIRKSEY PhD Assoc Prof and Assoc
2R M HOFFER PhD Res Assoc For 23M O HUNT MS Asst Prof For	Home Econ Agr Expt Sta
12C M KIRKPATRICK PhD Prof Wildlife Mot	ISUSAN KOLSKI MS Instr
2D M KNUDSON PhD Assoc Prof For	IROSEMARY LODDE MSHE Asst Prof
3H C KRAUCH Jr MSF Asst Prof For	1Mrs MARY MOORE MPH Asst Prof
3A N LIMING BSF Asst Prof For	2Mrs BARBARA SHANNON MS Instr
3E J LOTT BSF Assoc Prof For	12MARGY J WOODBURN PhD Prof and Assoc Home
12CLAIR MERRITT PhD Prof For	Econ Agr Expt Sta
1H H MICHAUD MA Prof Conserv	HOME MANAGEMENT AND FAMILY ECONOMICS
12C I MILLER MSF Assoc Prof For	12SARAH L MANNING PhD Prof and Assoc Home Econ
3F T MILLERBSF Asst Prof For 2J W MOSER Jr PhD Asst Prof For	Agr Expt Sta and Head of Dept
12R E MUMFORD PhD Prof Wildlife Mat	3JAN ARMSTRONG MS Instr Ext Spec Consum Mktg
123C C MYERS PhD Asst Prof For	1MARY L FOSTER MSHE Asst Prof

Forestry and Conservation-Continued

3530-3560 INDIANA

#### Home Economics-Continued

3RUTH HUTCHESON MS Asst Prof 3Mrs MAXINEMCMANUS MS Asst Prof 3ELKIN MINTER MS Asst Prof

12JEANETTE A OBERLY PhD Asst Prof

12HELEN C POTTER PhD Prof and Assoc Home Econ Agr Expt Sta

12JANET L VAUGHN PhD Asst Prof

#### INSTITUTIONAL MANAGEMENT

12RUTH L GODFREY MS Prof Inst Mat and Head of Dept

1SYLVIA M HARTT MS Assoc Prof 13MARY R HYLAND MS Assoc Prof

1Mrs ARDATH A JOHNSON MS Instr

1Mrs SARA D MEKEMSON MS Asst Prof 1MARY E QUAM PhD Asst Prof

IW B TEMPLE MBA Asst Prof

#### **Horticulture**

3540

123H T ERICKSON PhD Prof and Head of Dept (317-749-

1J E BROWNING BS Asst Prof Landsc Arch 23P L CARPENTER PhD Asst Prof Ext Ornam

12J H CHERRY PhD Prof Plant Plysiol 12H C DOSTAL PhD Asst Prof Post-Harvest Physiol

12D J DURKIN PhD Ass∞ Prof Plant Physiol Flor 12D A EGGERT PhD Asst Prof Plant Physiol and Pomol

12F H EMERSON PhD Assoc Prof and Farms Dir Pomol

12H L FLINT PhD Assoc Prof Plant Physiol Omam 3H W GILBERT BS Assoc Prof Ext Landsc Arch

2R S GRENARD BS Instr Genet and Plant Brda Vea

12LESLIE HAFEN PhD Prof Genet and Plant Brda Vea 23R A HAYDEN PhD Assoc Prof Pomol

12J E HOFF PhD Assoc Prof Food Sci

3E R HONEYWELL MS Assoc Prof Ext Flor

23C E HOXSIE MS Asst Prof Flor 12JULES JANICK PhD Prof Genet and Plant Brda Fruit

12C M JONES PhD Assoc Prof Genet and Plant Brda Veq 13J E KLINKER PhD Assoc Prof Veq Crops

2S L LAM PhD Asst Prof Plant Physiol

12F O LANPHEAR PhD Assoc Prof Plant Physiol Omam

12A C LEOPOLD PhD Prof Plant Physiol 12P E NELSON PhD Asst Prof Food Sci

3G H SULLIVAN PhD Asst Prof Mkta

24E C TIGCHELAAR PhD Asst Prof Genet and Plant Brda

1T D WALKER MS Asst Prof Landsc Arch

12G F WARREN PhD Prof Plant Physiol Weeds

12G E WILCOX PhD Assoc Prof Plant Nutr

3J A WOTT PhD Asst Prof Ext Hort

3545 1J H MORIARTY MSLS Dir of Libr (317-749-2571)

1J M HOUKES MAL Agr Econ Libr

1ANN E KERKER MSLS Vet Sci Libr

1H T MURPHY MALS Life Sci Libr

1C M SCHAEVE MSLS Asst Life Sci Libr

#### Statistics (Agr)

3550

3560

25R E STRASZHEIM MS Head of Dept (317-749-2429)

25W W ADAMS BS Agr Statis

25C L BAKER BS Agr Statis 25H L CASTLE MS Agr Statis

25F B CLAYTON MS Agr Statis 25D L FORSTER BS Agr Statis

25J R GARRETT BS Agr Statis 25P D HOPKINS MS Agr Statis

25D E WILGENBUSCH MS Agr Statis

Veterinary Science and Medicine, School of ADMINISTRATION

1E V MORSE DVM PhD Prof and Dean of Sch (317-749-2873)

12R L MORTER DVM PhD Prof and Assoc Dean for Res of Sch (317-749-4296)

1J J STOCKTON DVM PhD Prof and Assoc Dean for Academic Affairs of Sch (317-749-3666)

1A R ALLEN MS Assoc Prof Med Illus

#### Veterinary Science and Medicine, School of-Continued ANATOMY

12M W STROMBERG DVM PhD Prof and Head of Dept (317-749-2875)

12F J CLARK PhD Assoc Prof Bioengin

12C E HENRIKSON BS MS Grad Instr Electron Micros-CODV

12E J HINSMAN DVM PhD Assoc Prof Electron Microscopy

2Y C HWANG BS MS Grad Instr Anat

12W S JOHNSON DVM MS Grad Instr Bioengin

12J M KFRNS 3S MS Grad Instr Histol 1J L RISING DVM Grad Instr Anat

1W D SCHALL DVM MS Instr Anat

12E M SCHMIDT PhD Assoc Prof Bioengin

12J E STUMP DVM PhD Asst Prof Gross Anat

1C B SWENSON DVM PhD Assoc Prof Histol

12D C VAN SICKLE DVM PhD Assoc Prof Histol

12J R WELSER DVM PhD Asst Prof Gross Anat

12N J WILSMAN DVM Grad Instr Gross Anat

#### ANIMAL DISEASE DIAGNOSTIC LABORATORY

12W W KIRKHAM DVM PhD Prof and Head of ADDL (317-749-2740)

2H C CHEN DVM Grad Instr Compar Path

12A L DELEZ DVM Phi) Prof Compar Path

12H J OLANDER DVM PhD Prof Compar Path

12R W WINTERFIELD DVM Prof Compar Path

#### CLINICS

1H D AMSTUTZ DVM Prof and Head of Dept (317-749-3741)

12E L AKINS DVM PhD Asst Prof Large Anim Med

1J R ANNIS DVM Prof and Asst Head of Dept (317-749-29821

 ${\tt IG} \to {\tt BISGARD} \; {\tt DVM} \; {\tt MS} \quad {\tt Asst} \; {\tt Prof} \; {\tt Small} \; {\tt Anim} \; {\tt Med}$ 

1J C BLAKEMORE DVM Prof Small Anim Med 12P N BOEHM DVM Instr Large Anim Med

12C J CALLAHAN DVM Assoc Prof Large Anim Med 12J F FESSLER DVM MS Assoc Prof Large Anim Surg and Med

1A M LAVIGNETTE DVM Assoc Prof Small Anim Ophthalmol

1R E LEWIS DVM MS Assoc Prof Radiol 12E H PAGE DVM BS Prof Large Anim Surg and Med

20 G SWANSTROM DVM Grad Instr Large Anim Med

# MICROBIOLOGY, PATHOLOGY, AND PUBLIC HEALTH 126 '1 CLAFLIN DVM PhD Prof and Head of Dept (317-749-2484)

12C H ARMSTRONG DVM PhD Assoc Prof Microbiol

12D G BENNETT Jr DVM PhD Assoc Prof Parasitol

12A A BICKFORD DVM PhD Assoc Prof Compar Path

12D F BROBST DVM MPH PhD Assoc Prof Clinic Path

12G M BUENING DVM MS Grad Instr Virol 12THEODORE BURNSTEIN DVM PhD Prof Virol

12D P BYINGTON DVM MS Grad Instr Expt Path

2D B COPEMAN DVM MS Grad Instr Parasital

2M J DECKER BA Grad Instr Immunol

2G C DULAC DVM MS Grad Instr Expt Path

12M J FREEMAN DVM PhD Assoc Prof Immunol

4S M GAAFAR DVM PhD Prof Porceitol 12D P GUSTAFSON DVM PhD Prof Virol

12E O HAELTERMAN DVM PhD Prof Expt Path

12KIICHI ISHIDA DVM PhD Assoc Prof Path

12R K JONES DVM PhD Prof Compar Path 2C L KANITZ DVM MS Grad Instr Virol

2A M KAPLAN BS Grad Instr Immunol

2W P MacARTHUR BS Grad Instr Immunol
12H F MOSES DVM MS Prof Bact
2J B PAYNE DVM MS Grad Instr Bact

12L W TIFFANY PhD Prof Microbiol

12J F VAN VLEET DVM PhD Asst Prof Compar Path

#### PHYSIOLOGY AND PHARMACOLOGY

1G D GOETSCH DVM PhD Prof and Head of Dept (317-749-2271)

12G D BOTTOMS PhD Asst Prof Physiol

12W N CARLTON DVM PhD Prof Physiol and Path

12J M CARTER DVM PhD Asst Prof Metabolic Dis

3560-3630 INDIANA-IOWA

# Veterinary Science and Medicine, School of-Continued

2R D HEMM MS Grad Instr Path

12R W HUGHES DVM PhD Assoc Prof Pharmacol

12H D JACKSON PhD Assoc Prof Biochem 12W A KELLY DVM Grad Instr Toxicol

2J W KESTERSON DVM Grad Instr Path

2M D McCRACKEN DVM Grad Instr Physiol

2J A McPEAK DVM Grad Instr Path

12G M NEHER DVM PhD Prof Endocrinol
10 F ROESEL DVM PhD Asst Prof Neurophysiol

12D B SISK DVM MS Grad Instr Toxicol

2K W WASHBURN DVM Grad Instr Pharmacol

VETERINARY SCIENCE (School of Veterinary Science and Medicine and Agricultural Experiment Station)

12R L MORTER DVM PhD Prof and Head of Dept (317-749-4296)

23S J BOWER DVM Assoc Prof (317-749-4006)

2B W HATCHER MS Supt of Vet Sci Farm

3K B MEYER DVM Asst Prof

3K M WEINLAND DVM Assoc Prof

North Central Regional Poultry Breeding Laboratory

25T B KINNEY Jr PhD Regional Coord (Tel 743-1782)

25P C LOWE MS Poultry Husb

25J S SHATAVA BS Poultry Husb

#### Outlying Research Farms 3600

2HORACE PAARLBERG BSA Dir of Outlying Forms (317-749-2332)

2T S SPECK MS Asst to Dir of Outlying Farms 2D R GRIFFITH MS Res Ldr

Herbert Davis For Farm (PO Farmlan I)

2M W ALDERFER MS Supt

Lynnwood Farm (PO Carmel) 2R C PETERSON MS Res Ldr

Miller Purdue Memorial Farm (PO Upland)

2D A HUBER BSA Supt

Moses Fell Annex Farm. (PO Bedford)

2J R HODGES BSA 'Supt

Pinney Purdue Farm (PO Wanatah)

2M A MOHLER MS Supt Southern Indiana Forage Farm (PO Dubois)

2C J KAISER MS Supt

2T A EWBANK MS Res Ldr

2R A PETERSON MS Res Ldr

Throckmorton Memorial Farm (PO Lafayette R 7)

2E R BAUGH MS Supt

#### Laboratory for Agricultural Remote Sensing (Agr and Elec Engin) McClure Research Park, 1220 Potter Dr West Lafayette, Ind (317-749-3532) 3605

ADMINSTRATION

Co-Directors

12N K ELLIS PhD Assoc Dir Agr Expt Sta (317-749-2462) 1J C HANCOCK PhD Head Sch of Elec Engin and Prof Commun Theory and Syst (317-749-2607)

Technical Director

1R B MacDONALD BS Syst Engin (317-749-3532)

AGRICULTURAL REQUIREMENTS AND APPLICATIONS PROGRAMS

12M F BAUMGARDNER PhD Prog Ldr Assoc Prof Soil Fert Mat

# MEASUREMENT PROGRAMS

1R A HOLMES PhD Prog Ldr Assoc Prof Solid State Devices Optimal Imagery

1F V SCHULTZ PhD Prof and Res Electromagnetic Circuiting Plasmas

### DATA PROCESSING PROGRAMS

1D A LANDGREBE PhD Prog Ldr Assoc Prof Circuits and Syst Theory Commun Theory and Syst

1P R ANUTA MS Res Engin Data Syst

1Mrs DANIELLE R BERNSTEIN MS Assoc Res Statis

1K S FU PhD Prof Pattern Recognition and Automata, Artificial Intell Learning Sys

Laboratory for Agricultural Remote Sensing (Agr and Elec Engin) McClure Research Park, 1220 Potter Dr West Lafayette, Ind (317-749-3532)-Continued

1T L PHILLIPS MS Res Engin Data Syst 1W R SIMMONS BS Assoc Res Engin Data Syst

AGRICULTURAL RESEARCH PROGRAMS

12R M HOFFER PhD Prog Ldr Res Assoc Watershed Mat 12C J JOHANNSEN MS Res Agron Soils

#### AWOI

The College of Agriculture, the Agriculture and Home Economics Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the Iowa State University of Science and Technology, Ames 50010

1College Staff 2Station Staff 3Extension Staff

4Leave of Absence 5Coop USDA

6Coop USDI 7Miscellaneous

3610

1W R PARKS PhD Pres of Univ

123FLOYD ANDRE PhD Dean of Col of Agr Dir of Sta (Tel 515-232-0444)

3M A ANDERSON PhD Dean of Univ Ext Dir of Coop Ext Serv (Tel 515-232-0443)

2.I P MAHLSTEDE PhD Assoc Dir of Sta (Tel 515-294-4762)

1L M THOMPSON PhD Assoc Dean of Col of Agr (Tel 515-294-6614)

2S A FING PhD Asst Dir of Sta (Tel 515-294-4762)

12J B PAGE PhD Dean of Grad Col and Vice Pres for Res (Tel 515-294-4531)

### Agriculture Staff Services

3620

1J M ALEXANDER MS Assoc Prof Mar Fdn Farms

123R R BEAN Admin Asst

1R J BRUENE BS Admin Asst

123E O HEADY PhD DSc Exec Dir of Center for Agr and Econ Devlpmt

1R D KAY BS Admin Asst

IN A PATRICK BS Admin Asst

1K D ROGERS BS Admin Asst

3W G STUCKY MEd Educ Ldr of Center for Agr and Econ Devlpmt

# Agronomy

3630

123J T PESEK PhD Prof and Head of Dept 2W J ALLEN Jr MS Assoc Soil Classif

25MINORU AMEMIYA PhD Assoc Prof Soil Phys 2I C ANDERSON PhD Assoc Prof Crop Physiol and Prod

12R E ATKINS PhD Prof Crop Brda

3C R BALLANTYNE MA Assoc Prof Soil Conserv

3G O BENSON MS Assoc Crop Prod 2W G BIGGS PhD Asst Prof Climatol

12C A BLACK PhD Dist Prof Soil Chem

2J M BRADFORD MS Assoc Soil Mgt

12J M BREMNER PhD Prof Soil Biochem

2L G BUNDY MS Assoc Crop Brdg

2D T BURMOOD PhD Assoc Crop Phys

5R H BUSCH PhD Collab Crop Brdg

12I T CARLSON PhD Assoc Prof Crop Brdg

2L J CLARK MS Assoc Soil Chem

25R L CLARK PhD Collab Path New Crops
5J P. CULVER MS Collab Soil Classif
2C J DEMOOY PhD Asst Prof Soil Fert

25R I DIDERIKSEN MS Collab Soil Classif

25A F DODGE MS Collab Crop Prod New Crops

2L C DUMENIL PhD Assoc Prof Soil Mat

3E R DUNCAN PhD Prof Soil and Crop Mat 25S A EBERHART PhD Assoc Prof Quantitative Genet

and Crop Brdg

3KALJU EIK PhD Assoc Soil Fert 2J C ELDREDGE PhD Assoc Prof Crop Brda 2L T EMPIG MS Assoc Crop Brdq

2A J ENGLEHORN MS Asst Prof Soil Mgt 2W R FEHR PhD Asst Prof Crop Brdg

#### Agronomy-Continued

- 2T E FENTON PhD Asst Prof Soil Classif
- 25C S FISHER BS Collab Soil Classif
- 12L R FREDERICK PhD Prof Soil Microbiol
- 12K J FREY PhD Prof Crop Brdg
- 2D D FRITTON MS Assoc Soil Phvs 12D E GREEN PhD Assoc Prof Crop Brdg
- 2A F GRONEMAN MS Assoc Prof Soil Fert 25A R HALLAUER PhD Assoc Prof Crop Brda
- 23J J HANWAY PhD Prof Soil Fert 25J D HIGHLAND BS Collab Soil Classif
- 2M T HILLSON MS Assoc Crop Prod
- 12C F HODGES PhD Asst Prof Turf Mgt
- 2H D HUGHES MS Prof Crop Prod
- 2C D HUTCHCROFT PhD Assoc Prof Seed Certif
- 25J L JARVIS PhD Collab Ent New Crops 5C W JENNINGS BS Collab Crop Brdq
- 2J J KERN MS Assoc Crop Brdg
- 12DON KIRKHAM PhD Dist Prof Soil Phys
- 30 A KNOTT MA Asst Prof Crop Prod
- 2M J MC NEILL MS Assoc Crop Brdq
- 2R D MEYER MS Assoc Soil Fert
- 12R L MITCHELL PhD Asst Prof Crop Prod
- 2J J MOCK BS Assoc Crop Brdg
- 25W C MOLDENHAUER PhD Prof Soil Mgt
- 2R P NICHOLSON BS Asst Prof Soil and Crop Mat
- 251. H PENNY PhD Prof Crop Brdg
- 12P A PETERSON PhD Prof Cytogenet and Crop Brdg
- 12W H PIERRE PhD Prof Soil Fert
- 2G L POSLER MS Assoc Crop Brdq 2V H REICH MS Assoc Crop Brdq
- 12F F RIECKEN PhD Prof Soil Classif
- 2J L ROBINSON PhD Prof Seed Certif
- 25R V RUHE PhD Prof Soil Classif
- 12W A RUSSELL PhD Prof Crop Brdg
- 1J W SCHAFER Jr PhD Asst Prof Soil Sci
- 3F W SCHALLER PhD Prof Soil and Crop Mgt
- 12W H SCHOLTES PhD Prof Soil Classif
- 12A D SCOTT PhD Prof Soil Chem
- 12R H SHAW PhD Prof Climatol
- 12R M SHIBLES PhD Assoc Prof Crop Physiol and Prod
- 12W D SHRADER PhD Prof Soil Mgt
- 25W H SKRDLA PhD Prof Crop Prod New Crops
- 25S J SMITH PhD Assoc Soil Chen. 1D L STAMP BS Inst Crop Prod
- 1J A STRITZEL PhD Assoc Prof Soil Fert
- 2M A TABATABAI PhD Assoc Soil Brochem 3H E THOMPSON PhD Prof Crop Prod
- 1L M THOMPSON PhD Prof Soil Fert
- 2J C THORNE MS Assoc Crop Brdg
- 2SADIK TOKSOZ MS Assoc Soil Sci
- IF R TROEH PhD Asst Prof Soil Classif
- 2C R TRUPP MS Assoc Crop Brdq
- 2F T TURNER MS Assoc Soil Mat 2H C VAUGHAN MS Assoc Climatol
- 3R D VOSS PhD Assoc Prof Soil Fert 3R EVOSS MS Assoc Soil Fert
- 2W J VREEKEN MS Assoc Soil Classif
- 25P J WAITE BS Collab Climatol
- 2R W WEAVER BS Assoc Soil Microbiol
- 2J R WEDB PhD Assoc Prof Soil Fert 12W F WEDIN PhD Prof Pasture Mat

- 1D K WHIGHAM MS Instr Crop Prod 3J P WIDDOWSON MS Assoc Soil Fert
- 12C P WILSIE PhD Prof Crop Brdg
- 12D G WOOLLEY PhD Prof Crop Prod 2B K WORCESTER MS Assoc Soil Classif
- 12D N YARGER PhD Asst Prof Climatol

# Animal Science and Dairy Science

- 3640
- 123L N HAZEL PhD Dist Prof in Agr and Head of Dept
- 123C F FOREMAN PhD Prof in Chap of Dairy Sci 3J R ANDERSEN DVM MS Asst Prof Vet Med
- 1A L ANDERSON MS Prof Swine
- 2L L ANDERSON PhD Assoc Prof Physiol and Reprod 12D C BEITZ PhD Asst Prof Dairy Sci
- 3REX BERESFORD MS Prof Emeritus Beef Cattle 25BEN BERESKIN PhD Asst Prof Swine Brdg
- 1P O BRACKELSBERG PhD Asst Prof Beef Brdg
- 12W F. BURROUGHS PhD Prof Ruminant Nutr

- Animal Science and Dairy Science-Continued
  - 12L L CHRISTIAN PhD Assoc Prof Swine
    - 2C C CULBERTSON MS Prof Anim Prod
  - 3R C deBACA PhD Prof Anim Brda 1J V DE BARTHE PhD Asst Prof Dairy Nutr
  - 3J R DUNHAM PhD Asst Prof Dairy Nutr

  - 3B R EASTWOOD PhD Asst Prof Dairy Brdg
  - 12R C EWAN PhD Asst Prof Swine Nutr

  - 12A E FREEMAN PhD Prof Dairy Brdg
  - 23NELSON GAY PhD Assoc Prof Ruminant Nutr
  - 12D E GOLL PhD Assoc Prof Meats
  - 1E H HAYNES PhD Assoc Prof Anim Nutr
  - 3J B HERRICK DVM MS Prof Vet Med
  - 3H H HODSON PhD Asst Prof Swine
  - 12N L JACOBSON PhD Dist Prof in Agr Dairy Nutr
  - 23H H KILDEE DAgr Prof Emeritus Anim Sci and Dean
    - 1J J KISER MS Assoc Prof Horses
  - 12E A KLINE PhD Prof Meats
  - IW F LaGRANGE MS Prof Livestock
  - 12 J L LUSH PhD Dist Prof in Agr Anim Brdq
  - 12A D McGILLIARD PhD Assoc Prof Dairy Nutr 12R M MELAMPY PhD Prof Anim Physiol and Reprod
  - 12A E MOLLN BS Admin Asst and Swine Brda 12F C PARRISH Jr PhD Asst Prof Meats

  - 12J B PETERS PhD Asst Prof Physiol and Reprod 123A R PORTER MS Prof Dairy Sci
  - 3R E RUST MS Assoc Prof Meats 23H L SELF PhD Prof Livestock

  - 12P S SHEARER MS Prof Anim Sci 25C E SHELBY PhD Assoc Prof and Dir Rea Swine Brda Lab
  - 12J A SIMS PhD Assoc Prof Dairy Cattle
  - 3M L SPEAR DVM Assoc Prof Vet Med 12V C SPEER PhD Prof Swine Nutr

  - 3E J STEVERMER PhD Asst Prof Swine 12M H STROMER PhD Asst Prof Meats
  - 1R E TAYLOR PhD Assoc Prof Swine
    12D G TOPEL PhD Assoc Prof Meats
  - 12A H TRENKLE PhD Assoc Prof Ruminant Nutr
  - 4R L VETTER PhD Assoc Prof Ruminant Nutr
  - 3D E VOELKER MS Assoc Prof Dairy Cattle
  - 1D R WARNER PhD Assoc Prof Sheep
  - 3T W WICKERSHAM MS Assoc Prof Sheep 12R L WILLHAM PhD Assoc Prof Anim Brdq
  - 2J W YOUNG PhD Asst Prof Dairy Sci
  - 3W G ZMOLEK MS Prof Beef Cattle and Mkta

# Bacteriology

- 2W R LOCKHART PhD Prof and Chmn of Dept
- 2R E BUCHANAN PhD Prof Taxon
- 12P A HARTMAN PhD Prof Microbiol Proc

# Biochemistry and Biophysics

- 12DEXTER FRENCHPhD DSc Prof and Chmn of Dept
  - 1E W BIRD PhD Prof Dairy Chem
  - 12H J FROMM PhD Prof Enzymol 12D J GRAVES PhD Prof Enzymol

  - 12W R HEARN PhD Assoc Prof Metabolism 15P A REBERS PhD Assoc Prof Polysac Immunochem
  - 12J F ROBYT PhD Asst Prof Enzymol
- 15M H ROEPKE PhD Prof Vet Biochem
- 12C L TIPTON PhD Assoc Prof Lipids

3670

3650

3660

123F G SMITH PhD Prof and Head

Botany and Plant Pathology

- 1J M AIKMAN PhD DSc Prof (Emeritus) Ecol
- 2I C ANDERSON PhD Prof Crop Physiol and Prod
- 2A L BAKKE PhD Prof (Emeritus) Weed Invest
- 12J A BROWNING PhD Prof Cereal Dis 12J S BURRIS PhD Asst Prof Seed Tech
- 25J M DUNLEAVY PhD Prof Sovbean Dis
- 3A H EPSTEIN MS Assoc Pesticide Safety
- 3L E EVERSON PhD Prof Seed Tech
- 2D C FOLEY PhD Assoc Prof Corn Dis
- 12R E FORD PhD Assoc Prof Virol
  5A H HAGGE BS Supvr of Plant Pest Control Prog
- 12J C HORTON PhD Assoc Prof Veg Dis
  - 2DUANE ISELY PhD Prof Taxon
- 5MICHEAL KOMANETSKY Collab Plant Pest Control
- 2C E LaMOTTE PhD Assoc Prof Physiol

#### Botany and Plant Pathology-Continued

2R Q LANDERS PhD Assoc Prof Ecol

24W E LOOMIS PhD Prof Emeritus Physiol

12C A MARTINSON PhD Assoc Prof Root Dis

12H S McNABB Jr PhD Prof Tree Dis

2I E MELHUS PhD Prof (Emeritus) Path

2D C NORTON PhD Prof Nematol

24R W POHL PhD Prof Taxon 5M D SIMONS PhD Prof Oat Dis

2D W STANIFORTH PhD Prof Weed Invest

3E P SYLWESTER PhD Prof Weed Invest

5HIDEO TACHIBANA PhD Collab Soybean Dis

2Mrs LOIS H TIFFANY PhD Prof Mycol

5J R WALLIN PhD Prof Epidemiol

#### Dairy and Food Industry

3680

123V H NIELSEN PhD Prof and Head of Dept

12E W BIRD PhD Prof Food Tech and Biochem

12E GHAMMOND PhD Prof Food Tech and Biochem

2A A KRAFT PhD Assoc Prof Food Tech and Bact

3W S LaGRANGE PhD Assoc Prof Dairy Indus

1R V OGDEN MS Instr Dairy Indus

12G W REINBOLD PhD Prof Dairy Bact

TW S ROSENBERGER BS Assoc Prof Dairy Indus

3A W RUDNICK BS Prof Dairy Indus 2L D SATTERLEE PhD Asst Prof Food Tech and

Biochem

2R G SEALS PhD Asst Prof Food Tech and Biochem

12H E SNYDER PhD Prof Food Tech and Biochem

12M H STROMER PhD Asst Prof Food Tech and Biochem

2E R VEDAMUTHU PhD Asst Prof Dairy Bact 12H W WALKER PhD Prof Food Tech and Bact

3E O WRIGHT MS Assoc Prof Dairy Indus

#### Economics (Agr)

3690

123K A FOX PhD Dist Prof and Head of Dept

13I W ARTHUR PhD Prof Farm Mat

12A G BALL PhD Prof Farm Mat and Prod Econ

123C P BAUMEL PhD Assoc Prof Bus Mgt

12R R BENEKE PhD Prof Farm Mat and Prod Econ

2L L BLAKESLEE MS Assoc Prod Econ

3L J BODENSTEINER MS Asst Prof Ext Ldr Farm Mat

2G E CARRUTHERS MS Assoc Area Econ Devlpmt

1L C CESAL PhD Asst Prof Prod Econ (Iowa-Peru Contract)

12P D DOAK PhD Asst Prof Mktq

3E W ELDRIDGE PhD Prof Public Affairs and Area

Devlomt

2R K EYVINDSON MS Assoc Prod Econ

12L B FLETCHER PhD Prof Mktq

2C F FRAMINGHAM BS Assoc Prod Econ 2H H FULLERTON MS Assoc Regional Econ

23G A FUTRELL PhD Assoc Prof Outlook and Econ Inform

3D M GEE MS Assoc Ext Ldr Farm Mqt 2H H HALL MS Assoc Prod Econ

123N E HARL PhD Prof Resource Econ

123E O HEADY PhD Dist Prof Prod Econ

2R W HEXEM MS Assoc Prod Econ

3H F HILL MS Assoc Ext Ldr Farm Mat 2D F HOLMES BS Assoc Regional Econ

3H B HOWELL MS Prof Farm Mat

3J E HUGHES MS Assoc Ext Ldr Farm Mat

12S C JAMES PhD Assoc Prof Farm Mat and Prod Econ

3M G JULIUS PhD Assoc Prof Indus Econ

12D R KALDOR PhD Prof Agr Policy

2A P KLEINMAN MS Assoc Prod Econ

3L G KRAL BS Assoc Ext Ldr Farm Mqt

12G M LADD PhD Prof Dairy and Poultry Mkta

2J A MAC MILLAN BS Assoc Area Econ Devlpmt

2H C MADSEN MS Assoc Prod Econ 3R C MAXON PhD Assoc Prof Consum Mktq 2L V MAYER PhD Asst Prof Prod Econ

1S E McGAUGHEY MS Assoc Econ Theory (Iowa-Peru Contract)

1W C MERRILL PhD Assoc Prof Indus Organ and Econ Devlpmt (Iowa-Peru Contract)

12W G MURRAY PhD Prof Agr Finance

3W E OGG PhD Prof Public Affairs

#### Economics (Agr)-Continued

5R R PAUL MS Collab Prod Econ

123A A PAULSEN PhD Prof Agr Policy

3E D PETERSON MS Assoc Ext Ldr Farm Mat

3R G POUNDS MS Assoc Welfare Econ

3A P RAHN MS Assoc Mktq

2D E RAY MS Assoc Prod Econ

1THYRELE ROBERTSON BS Assoc Mktg (Iowa-Peru Contract)

#### 123FRANK ROBOTKA MS Prof Coop

5P E ROSENBERRY MS Collab Land F.con

2G E SCHLUTER MS Assoc Prod Econ

12J T SCOTT PhD Prof Mktg

2F E SEAY MS Assoc Land and Water Econ

12G S SHEPHERD PhD Prof Agr Policy (Iowg-Peru Contract)

3J M SKADBERG PhD Asst Prof Livestock Mkta

5R B SMITH BS Collab Prod Econ

3E G STONEBERG MS Prof Farm Mat

3J R STRAIN PhD Prof Dairy and Poultry Mkta

2R W THOMAS PhD Assoc Prof Econ of Educ

23S H THOMPSON PhD Prof (Emeritus) Livestock Mktg

24ERIK THORBECKE PhD Prof Macroecon

12J F TIMMONS PhD Prof Land Econ

5R D TOMPKIN MS Collab Prod Econ 3W J TURNER BS Assoc Ext Ldr Farm Mat

1HYLKE VAN DE WETERING PhD Assoc Prof Prod Econ

1ROBERT VAN SLOOTEN AB Assoc Econ Theory (Iowa-Peru Contract)

1F. R VIGUES PhD Asst Prof Labor Transfer (Iowa-Peru Contract)

1J J WALLACE BS Prof Farm Mat

3R N WISNER PhD Asst Prof Outlook and Econ Inform

5G E WORDEN MS Collab Prod Econ 5B H WRIGHT MS Collab Mkta

#### Education (Vocat Agr)

3700

12R J BRYAN PhD Prof and Head of Dept

1M S BELL MS Asst Prof Indus Educ 1J F BENDIXEN MS Instr Acr Educ

1DUANE BROWN PhD Asst Prof Guidance and

Counseling 1M D BROWN PhD Assoc Prof Higher Educ

1G E BROWNING BS Instr Indus Educ

1C E BUNDY MS Prof Agr Educ

1R J CANUTE EdD Assoc Prof Educ Counseling

1L L CARVER MS Prof Indus Educ

1H R CRAWFORD MS Asst Prof Farm Oper

1W E DIEDRICK MS Asst Prof Indus Educ 1H F DILTS PhD Assoc Prof Teacher Placement 1G F DUKES MS Instr Indus Educ

1R A ENGEL PhD Asst Prof Sch Admin 1J D FORBES MA Asst Prof Indus Educ

1W F. HART EdD Asst Prof Sch Admin

1T A HOERNER PhD Assoc Prof Educ 2G E HOLMES MA Prof Adult Educ

1G E HOPPER EdD Asst Prof Guidance and Counseling

2T G HOWE PhD Assoc Prof Stat

1C W JONES MS Asst Prof Educ Counseling

1A A KAHLER PhD Asst Prof Agr Educ 1G A KIZER PhD Asst Prof Philosophy

10 S KNUDSEN MA Assoc Prof Film Prod 1M S KRAMER MEd Instr Educ 1V S LAGOMARCINO PhD Prof and Dir Tehr Educ

2R L LAWRENCE PhD Prof Educ 1R P MANATT PhD Assoc Prof Sch Admin

1D H MARTIN BS Instr Indus Educ

1BERARD MASSE PhD Asst Prof Educ 1D M McMILLEN PhD Asst Prof Educ

1A J NETUSIL PhD Asst Prof Educ Stat

1G A PARKS PhD Asst Prof Indus Educ 1E F ROBINSON PhD Dean of Stud

1C A SANDEEN PhD Assoc Dean of Stud 1A M SARCHETT MS Asst Prof Indus Educ

1W C SCHLOERKE EdD Assoc Prof Coord Stud

Teaching Elem and Secon 1C I SEIGLER MS Instr Indus Educ

1A M SHERICK MS Assoc Prof Indus Educ

#### Education (Vocat Agr)-Continued

1L G SMITH PhD Asst Prof Educ

1R L STEPHENS MS Instr Safety Council

3R L LAWRENCE PhD Assoc Prof Staff

11. F VINES MEd Asst Prof Indus Educ 1R P VOLKER MS Asst Prof Tchr Educ

1G D WEEDE PhD Asst Prof Indus Educ

1M O WIENER MS Assoc Prof Indus Educ

#### Engineering (Agr)

3710 123C W BOCKHOP PhD Prof Agr Engin and Head of Dept

1D L AHRENS MS Instr Constr and Maint

1W R ANDERSON MS Asst Prof Constrand Maint

2G E AYRES MS Assoc Power and Mach 12C E BLER PhD Assoc Prof Soil and Water

12W F BUCHELE PhD Prof Power and Mach

12L F CHARITY PhD Prof Elec Power and Proc

25H D CURRENCE MS Collab Power and Mach 2D W DEBOER MS Assoc Soil and Water

12HENRY GIESE MS Prof Form Structures

3D N GUSTAFSON MS Fiduc Asst Midwest Planning Serv

1H E HANSEN BS Instr Constr and Maint

12T E HAZEN PhD Prof Farm Structures

3H J HIRNING MS Assoc Rural Civ Def

1T A HOERNER PhD Assoc Prof Constr and Maint

125W V HUKILL BS Prof Crop Condition and Storage

2A D HULL BS Assoc Agr

3D O HULL MS Prof Power and Mach

1C E JOHNSON MS Instr Power and Mach

12H P JOHNSON PhD Prof Soil and Water

5G L KLINE MS USDA Collab Crop Condition and Storage

IJ M LAFLEN MS USDA Collab Soil and Water

25W G LOVELY BS Collab Power and Mach

12D W MANGOLD PhD Asst Prof Farm Structures

2A R MANN BS Assoc Farm Structures

12S J MARLEY PhD Assoc Prof Power and Mach

1G C McVEY BS Instr Constr and Maint

3V M MEYER MS Assoc Prof Elec Power and Proc

1J R MINUTER PhD Asst Prof Farm Structures
2M P MOLNAU MS Assoc Power and Mach

12V J MORFORD MS Prof Constr and Maint

2R P NICHOLSON BS Asst Prof Soil Mech and Engin

2R A NORTON BS Assoc Crop Condition and Storage 1D B PALMER PhD Assoc Prof Soil and Water

3J H PEDERSEN PhD Prot Midwest Planning Serv

1G R QUICK BS Assoc Power and Mach 2W F RITTER BS Assoc Soil and Water

3F W ROTH MS Assoc Prof Farm Structures

25R A SAUL MS Assoc Prof Crop Condition and Storage

25J L SCHMIDT BS Collab Anal Statis

2R J SMITH MS Grad Asst Farm Structures

5L H SODERHOLM MS USDA Collab Elec Power and Proc

5W K TURNER MS USDA Collab Elec Power and Proc

3L D VAN FOSSEN MVEd Asst Prof Crop Condition and Storage

3N J WARDLE PhD Assoc Prof Farm Safety 3T L WILLRICH PhD Prof Soil and Water

#### Extension ADMINISTRATION

3720

13M A ANDERSON PhD Dean Univ Ext Dir Coop Fxt Serv (Tel 515-232-0443)

123FLOYD ANDRE PhD Dean of Col of Agr Dir of Sta (Tel 515-232-0444)

3C E DONHOWE MS Asst Dir Ext Prog

3C J GAUGER MS State Leader 4-H and Ext Youth Prog

3L R KOLMER PhD Asst Dir Coop Ext Serv

3LOUISE ROSENFILD BS Asst Dir State Ldr Home Econ Ext

3M W SOULTS BS Asst Dir Admin Mqt

3H E WALTER BA Ext Admin Asst

STAFF SERVICES

3M V EXNER MA Asst Prof Music

SUPERVISION

13J C ALMQUIST MS Ext Area Dir

13G E BOEHNKE MS Ext Area Dir

13A T GOETTSCH MS Ext Area Dir

Extension-Continued

13R B HEGLAND MS Ext Area Dir

13R D IVERSON MS Ext Area Dir

13W J JOHNSON MS Ext Area Dir 13R D MUNSTER MA Ext Area Dir 13L M REID MVEd Ext Area Dir

13T A ROBB MS Ext Area Dir

13R L SWENSON MS Ext Area Dir

HOME ECONOMICS PROGRAM

3BERNICE BATESON MA Dist Ldr

3Mrs MILDRED B RYAN MS Dist Ldr

3Mrs GERTRUDE SMITH BS Dist Ldr

3Mrs MILDRED WELLMAN MS Dist Ldr

3Mrs MARGARET YODER MS Asst State Ldr

4-H CLUB AND OTHER YOUTH WORK

3MARIE BISHOP MS Asst State Ldr 3S V DAVIDSON MS Asst State Ldr

3Mrs SHARON K DRAKE BS Asst State Ldr

3RAMONA L ESBECK MS Dist Ldr 3H E GEIGER MS Dist Ldr

3M M HENDERSON BS Dist Ldr

3G A LINEWEAVER MS Asst State Ldr

34G E PARSONS MS Asst State Ldr

3G O THOMPSON BS Ext Spec Recreation

### SHORT COURSES

13GEORGE EBERT MS Short Course Ldr

# Forestry

3730

123H H WEBSTER PhD Prof and Head of Dept 1D W BENSEND PhD Prof Wood Tech

5R F FINN PhD Assoc Prof For Tree Physiol

12G E GATHERUM PhD Prof For Biol

3A F. GRAFTON MS Ext For

12FS HOPKINS Jr PhD Assoc Prof For Econ

1L F KELLOGG MF Prof For Mgt
1J A LARSEN PhD Assoc Prof For

5R A McOUILKIN MF Collab For Soils

1DEWITT NELSON BS Prof Recreation Resource Mat 23D R PRESTEMON PhD Assoc Prof For Prod

1V G SMITH MS Instr For

1G W THOMSON PhD Prof For Mgt 12K D WARE PhD Prof For Mensuration

12J D WELLONS PhD Asst Prof Wood Chem

#### 3740 Genetics

12W J WELSHONS PhD Prof and Head of Dept

12A G ATHERLY PhD Asst Prof Molecular Genet 12W F HOLLANDER PhD Prof Anim Genet

12W J MILLER PhD Assoc Prof Anim Genet

12D S ROBERTSON PhD Prof Plant Genet

5KIYOCHI SADANAGA PhD Prof Plant Genet

#### Home Economics

12HELEN R LE BARON PhD Dean of Home Econ (Tel 515-294-5980)

13JULIA M FALTINSON MS Assoc Dean of Home Econ

(Col of Home Econ) 12MARGUERITE SCRUGGS PhD Asst Dean of Home

Econ

13WILMA D BREWER PhD Prof and Head of Food and Nutr

13R W COULSON PhD Prof and Head of Child Devlamt 13MARJORIE S GARFIELD MFA Prof and Head of Applied

Art 13ALBERTA D HILL EdD Prof and Head of Home Econ Educ

13MARJORIE K McKINLEY PhD Prof and Head of Inst Mat

13R C POWERS PhD Prof and Head of Fam Environ 13MARGARET C WARNING PhD Prof and Head of Text and Cloth

12LOT TE ARNRICH PhD Prof Food and Nutr

3T A BEATTIE MS Asst Prof Inst Mgt

3Mrs JUNE C BROWN BS Asst Prof Applied Art

12FRANCES CARLIN PhD Prof Food and Nutr 17Mrs ERCEL S EPPRIGHT PhD Prof Food and Nutr 12PILAR GARCIA PhD Assoc Prof Food and Nutr

3750

3750-3820 IOWA

Home Economics-Continued

12Mrs MAXINE HINTON PhD Assoc Prof Food and Nutr 12MARY AKENNEY PhD Assoc Prof Food and Nutr 12ELEANORE KOHLMANN PhD Assoc Prof Home Econ

3EMELDA KUNAU BS Asst Prof Applied Art 12MARGARET LISTON PhD Prof Home Mat 3R A MAHAN MS Asst Prof Human Devlpmt and Fam Life 3Mrs PAULINE MAIRS MS Asst Prof Food and Nutr 3PHYLLIS OLSON MS Assoc Prof Food and Nutr 12DAMARIS PEASE PhD Prof Child Devlpmt

12Mrs MARY S PICKETT PhD Assoc Prof Household Equip 3LUCILLE REA MA Assoc Prof Text and Cloth
124CHARLOTTE RODERUCK PhD Prof Food and Nutr 3NAOMI D SHANK BS Assoc Prof Household Equip

3SHIRLEY J SMITH MS Asst Prof Text and Cloth 12GEITEL WINAKOR PhD Prof Text and Cloth

Horticu Iture

123E. L DENISEN PhD Prof and Chairman of Dept

1R J BAUSKE PhD Asst Prof Flor

2A R BECK BS Assoc Ornam and Veg

12G J BUCK PhD Assoc Prof Flor

3J A COOK PhD Prof Hort (PO Council Bluffs)

3A E COTT MS Prof Fruit Crops and Turf

12C F HODGES PhD Asst Prof Turf 12J D KELLEY PhD Assoc Prof Ornam

1H E NICHOLS MS Prof Fruit Crops

23L E PETERSON BS Supt Vea (PO Fruitland)

12B S PICKETT MS Prof Fruit Crops 12M L ROBBINS PhD Asst Prof Hort Brdg

23C H SHERWOOD PhD Assoc Prof Flor

3BF VANCE BS Assoc Prof Ornam and Vea 1EC VOLZ MS Prof Flor

12J L WEIGLE PhD Assoc Prof Ornam and Veg

3770 Information Service

123CARL HAMILTON BS Prof and Vice Pres for Inform and Devlomt

4D M BANNISTLE BS - Assoc Prof and Asst Fxt Ed

3C L BENN Assoc and Ext Photog

2C J DEUTSCH Assoc and Sta Photog

23MARION E DWELLE BS Asst Prof and Asst Ext Ed 3Mrs VIRGINIA HARDING BS Assoc and Asst Ext Ed

3LOUISE A HAUG BA Pub Asst

2J F HEER MS Assoc Prof and Expt Sta Ed

3J C HERMAN MS Asst Prof and Asst Ext Ed

3D C HURLEY BS Assoc Prof and Assoc Ext Ed

13K R KERN PhD Assoc Prof and Ext Ed 3H L KOOSER BS Asst Prof Vis Instr

3R E KOWALSKI BS Assoc and Asst Ext Ed

2Mrs PAMELA H LASSAHN MS Assoc and Asst Ext Ed

3D V McGINNIS BS Asst Prof and Mktg News Ed (Radio and TV)

3D L NELSON MS Asst Prof and Asst Ext Ed

23RL SCOTT Assoc and Staff Artist

23C M SIMON BS Assoc Prof and Mar Pub

3L E THOMPSON MS Asst Prof and Assoc Ext Ed

23J A WALLIZE Jr BS Assoc and Asst Ext Ed and Ed Farm Sci

3D R WILLIAMS BS Assoc Prof and Assoc Ext Ed 3D J WISHART BS Assoc and Asst Ext Ed

3780 Journalism (Tech)

1J W SCHWARTZ MS Prof and Head of Dept

1M E BAILY MS Assoc Prof Ed 1E G BLINN MS Assoc Prof News Ed

1C G BRATTON MS Asst Prof Advertising

1R L DISNEY BS Assoc Prof Writing 1R P FASSEL MS Asst Prof Ed

1RODNEY FOX MS Prof Tech Journalism

1K H FRIEDERICH MS Asst Prof Inform Comm and Graphics

1R D GREENLEE BS Instr Advertising Radio-TV

1J K HVISTENDAHL MA Assoc Prof Ed Writing Res

1R C JOHNSON MS Asst Prof Photog

IW F KUNERTH MSJ Assoc Prof Rep and Advertising

1K R MARVIN MS Prof Tech Journalism

Journalism (Tech)-Continued

1SUSAN MENNE MA Rep Advertising 1J L NELSON MA Asst Prof Rep Sci Comm Res 1LA RUE POLLARD MS Asst Prof Rot Writing 1J D SHELLEY BS Assoc Prof (Radio and TV)

1D E WELLS PhD Assoc Prof Journalism Res

Landscape Architecture

1T A BARTON MLA Prof and Head of Dept

3790

3805

3810

1R W DYAS MLA Prof Landsc Arch

IJ R FITZSIMMONS MLA Prof Urban Planning

1R R HARVEY MLA Prof Landsc Arch

1K F LANE MLA Asst Prof Landsc Arch

1W A MALONE, MS Assoc Prof Urban Planning 1F W OSGOOD MCP Assoc Prof Urban Planning

3B A PARKS BS Asst Prof Community Planning and Devlpmt

1D K RIPPEL, BS Asst Prof Landsc Arch

1J B SINATRA MLA Asst Prof Landsc Arch

3MARGHERITA TARR BS Assoc Prof Landsc Arch

Poultry Science 3800

123W W MARION PhD Chmn of Dept and Assoc Prof Food Technol

12S L BALLOUN PhD Prof Nutr

3760

2D M BRIGGS BS Assoc Genet

3L Z EGGLETON MS Prof Ext Mktg

3C D LEE DVM MS Prof Vet Med-Poultry Path 12D L MILLER PhD Asst Prof Nutr

12A W NORDSKOG PhD Prof Genet

3W J OWINGS PhD Assoc Prof Ext Nutr

Sociology and Anthropology

1J J L HINRICHSEN PhD Acting Head Prof Math

123G M BEAL PhD Prof Cultural Diffusion

12J M BOHLEN PhD Prof Cultural Diffusion

1R J BRUENE BS Instr Social

2E W COWARD MS - Assoc Social Change

2MARY K DAVIS BS Assoc Community

2D A DILLMAN MS Assoc Complex Organ 2G E KONGLAN PhD Assoc Prof Community

2G M LUTZ MS Assoc Cummunication

3J L TAIT MS Assoc Area and Community Devlpmt

12R D WARREN PhD - Assoc Prof Social Methods

12J P YARBROUGH PhD Asst Prof Commun

1D R YOESTING PhD Asst Prof Rural Social

Statistics

12T A BANCROFT PhD Prof and Head of Dept Anal Statis, Estim and Testing, Theory of Statis Inference

12H D BAKER MS Asst Prof Sampling, Surv Methods

12D F COX PhD Assoc Prof Anal Statis Design and Anal 12W A FULLER PhD Prof Anal Statis Econometrics

Samplina

12D K HOTCHKISS PhD Assoc Prof Anal Statis Design and Anal

12DAVID JOWETT PhD Assoc Prof Anal Statis Design and Anal

12OSCAR KEMPTHORNE ScD Prof Design and Anal Theory of Statis Inference Pop Studies

12EDWARD POLILAK PhD Assoc Prof Anal Statis Genet Statis

125N V STRAND MS Prof Sampling Surv Methods

Veterinary Medicine

3820

1R L KITCHELL DVM PhD Dean of Vet Med (Tel 515-294-1242)

1E E WEDMAN DVM PhD Assoc Dir Vet Med Res Inst (Tel 515-232-5723)

2M L FREY DVM PhD Assoc Prof Microbiol and Preventive Med Vet Med Res Inst

IROBERT GETTY DVM PhD Prof and Head of Anat 3J B HERRICK DVM MS Prof Vet Obstet

1M L KAEBERLE DVM PhD Prof Microbiol and Preventive Med

3C D LEE DVM MS Prof Microbiol and Preventive Med

IOWA-KANSAS 3820-3860

#### Veterinary Medicine-Continued

1R A PACKER DVM PhD Prof and Head of Microbiol and Preventive Med

1F K RAMSEY DVM PhD Prof and Head of Path 1V A SEATON DVM MS Prof Path and Head of Diagnostic Lab

3M L SPEAR DVM Assoc Prof Vet Med and Surg 1M J SWENSON DVM PhD Prof and Head of Vet Physiol and Pharmacol

2W P SWITZER DVM PhD Prof of Vet Microbiol and Preventive Med Vet Res Inst

2W P SWITZER DVM PhD Prof of Vet Microbiol and Preventive Med

1W M WASS DVM PhD Prof and Head of Vet Clin Sci

#### Zoology and Entomology

3830

1230 E TAUBER Ph!) Prof and Chmn of Dept Compar Physiol

12R W BACHMANN PhD Ass∞ Prof Limol 25T A BRINDLEY PhD Prof Ent Econ

1B W BUTTREY PhD Prof Zool Protozool

12K DCARLANDER PhD Prof Wildlife Fisheries

12P A DAHM PhD Prof Ent Toxicol 1D R GRIFFITH PhD Assoc Prof Physiol

3H L GUNDERSON PhD Prof Ent Ext

25W D GUTHRIE Assoc Prof Ent Genet 26A O HAUGEN PhD Prof Wildlife

12E T HIBBS PhD Prof Ent Ecol 1E A HICKS PhD Prof Zool Acarol

5JEROME KLUN PhD Collab Int Biochem 1H H KNIGHT PhD Prof Ent Syst

12J L LAFFOON PhD Prof Ent Syst

12R E LEWIS PhD Assoc Ent Morphol

3R B MOORMAN PhD Assoc Prof Wildlife Ext 6R J MUNCY PhD Assoc Prof Fisheries

1J A MUTCHMOR PhD Assoc Prof Ins Physiol

12L P PEDIGO PhD Asst Prof Ent Econ 12D C PETERS PhD Assoc Prof Ent Fcon

12W A ROWLEY PhD Assoc Prof Ent Morphol

1K C SHAW PhD Asst Prof Zool Behavior 3H J STOCKDALE PhD Assoc Prof Ext

1M J ULMER PhD Prof Zool and Ent Helminthol

12M W WELLER PhD Prof Omithol

# KANSAS

The College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of Kansas Sate University, Manhattan

1Callege Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency

# 3840

1J A McCAIN EdD LLD Pres

16 II BECk PnD Vice Pres For Agr (Tel 913-532-6531)

12l W Still in PnD Dir Aar Expt Sta (Tel 913-532-6531) 3R A BOHANNON Ph. Dir of Ext (Tel 913-532-6881)

12C V HESS PhD Dean Col of Agr and Assoc Dir Agr Expt Sta (Tel 913-532-6581)

1D D BEATTY MS Bus Mar 12LOWELL BRANDNER PhD Expt Sta Ed

1F R CARPENTER PhD Asst Dean Col of Agr

12G R DODGE BS CPA  $\,$  Asst Prof and Admin Asst

3P W GRIFFITH PhD Assoc Dir of Ext 3E J PETERSON BS Asst Dir of Ext

#### 3850

123R V OLSON PhD Prof Agron and Head of Dept

2D C ADRIANO MS Res Asst Soil Fert

2F B AMOS MS Res Asst Com Brdg 5D V ARMBRUCT MS Instr Erosion

25C H ATKINSON MS Assoc Prof Soil Surv (PO Concordia)

2M C AXELTON BS Asst Prof in Chg of Southwest Expt Field (PO Minneola)

2J D BALL BS Instr Fdn Seeds

# Agronomy—Continued

12F L BARNETT PhD Assoc Prof Grass Brda

120 W BIDWELL PhD Prof Soil Surv

3F G BIEBERLY MS Prof Crops and Soils

2L J BRUN BS Res Asst Soil Phys

2L A BURCHETT BS Instr in Chg of North Central Expt Fields (PO Belleville)

15A J CASADY PhD Assoc Prof Sorghum Brdg

3D D DICKEN MS Asst Prof Crops and Soils (PO Powhattan)

5J D DICKERSON MS Res Asst Wind Erosion

5L A DISBUD BS Instr Erosion

2B J EATON MS Res Asst Weed Sci

3D H EDELBLUTE BS Asst Prof Crops and Soils (PO Garden City)

12ROSCOE ELLIS Jr PhD Prof Soil Chem

12K C FELTNER PhD Assoc Prof Weed Control

4D M GRONAU BS Instr in Chy of Newton Expt Field (PO Newton) (Military Leave)

2C N GRUVER BS Instr in Chy of East Central Expt Field (PO Cttawa)

5L J HAGEN MS Instr Erosion

3H B HARPER MS - Assoc Prof Soil Conserv

12E G HEYNE PhD Prof Small Grain Brda

12J A HOBBS PhD Prof Soil Mat

23R M HYDL PhD Asst Prof Pasture Mat

124H S JACOBS PhD Prof Soil Chem and Dir Kansas Water Resources Res Inst (Sabbatical Leave at Utah)

3H E JONES PhD Prof Crops and Soils 5R K KRAUSS BS Instr in Wind Erosion

12G H LIANG PhD Asst Prof Cytogenet

2M. C. LUNDOUIST MS. Asst Prof in Cha of Sandvland Expt Field (PO St John)

5LEON LYLES MS Instr Water Frosion

12E L MADER PhD Prof Farm Crops
2J C MALOTT BS Res Asst Wheat Brda

2J D MCKENDRICK MS Res Asst Range Mat

3G O MCMASTER MS - Asst Prof Crops and Soils (PO Parsons)

2W A MOORE BS Asst Prof in Chg of South Central Expt Field (PO Hutchinson)

12L S MURPHY PhD Assoc Prof Soil Fert 12C D NICKELL PhD Asst Prof Soybean Brdq

23E B NILSON PhD Asst Prof Herbicides

24C B OVERLEY MS Asst Prof Fdn Seeds (India)
12C E OWENSBY BS Instr Range Mat

12G M PAULSEN PhD Assoc Prof Crop Phys

24V H PETERSON MS Asst Prof in Cha of Parsons Expt Field (PO Parsons) (India)

12T H PITTENGER PhD Prof Genet

12W L POWERS PhD Asst Prof Soil Phys

2R J RANEY MS Asst Prof in Cha of Irria Expt Field (PO Scandia)

2D L ROBINSON MS Res Asst Soil Fert

2S N ROGERS BS Res Asst Soil Chem

120 G RUSS MS Assoc Prof Weed Control

15E L SKIDMORE PhD Asst Prof Water Erosion 2R F SLOAN MS Assoc Prof in Chg of Combelt Expt

Field (PO Powhattan) 15E L SORENSEN PhD Assoc Prof Alfalfa Brda

2C W SWALLOW MS - Asst Prof Farm Supt

3L W TOBIN Phi) Asst Prof Soils 2F G TURNEY PS Res Asst Sorghum Brdg

12R L VANDERLIP PhD Asst Prof Crop Prod

2J F VESECKY MS Res Asst Weed Sci

2T L WALTER MS Asst Prof Variety Testing

12ClE WASSOM PhD Assoc Prof Corn Brdg

2년 본 WEB본 MS Instr Soil Fert

23D A WHITNEY PhD Asst Prof Soil Testing

23H D WILKINS MS Assoc Prof (Kansas Crop Impr Assoc) 124G E WILKINSON PhD Assoc Prof Soil Phys (Nigeria)

12L V WITHER PhD Assoc Prof Soils

15N P WOODRUFF MS Assoc Prof Wind Erosion

3860

Animal Science and Industry 1237 L GOOD PhD Prof Anim Sci and Indus and Head of Dept

3G A AHLSCHWEDE PhD Ext Asst Prof Meat Sci

12D M ALLEN PtD Asst Prof Meat Sci and Gen Anim Sci and Indus

3860-3920 KANSAS

Animal Science and Industry—Continued	Biology (Col of Arts and Sci)—Continued
12B E BRENT PhD Asst Prof Anim Nutr	12HARVARD REITER PhD Asst Prof Bact Physiol
12R F COX PhD Prof Anım Brdg	12R J ROBEL PhD Assoc Prof Conserv Wildlife
12C L DRAKE PhD Assoc Prof Beef Cattle Res	120 W TIEMEIER PhD Prof Conserv Wildlife
3E N FRANCI'S MS Area Ext Spec Assoc Prof Livestock	12J S WEIS PhD Asst Prof Physiol
124L H HARBERS PhD Assoc Prof Anim Nutr	12F E WILSON PhD Asst Prof Neuroendocrinol
12R H HINES PhD Asst Prof Swine Brdg and Mgt	1D R WOHLSTENHOLME PhD Assoc Prof Devlpmt Biol
12J D HOOVER BS Inst Res Farm Supt 12G H KIRACOFE PhD Asst Prof Physiol and Genet	1J L ZIMMERMAN PhD Assoc Prof Zool
12B A KOCH PhD Prof Swine Nutr	Chemistry (Col of Arts and Sci) 3890
12D H KROPF PhD Assoc Prof Meat Sci	Chemistry (Col of Arts and Sci) 3890  1A H DAANE PhD Prof of Chem and Head of Dept
3V E McADAMS MS Ext Assoc Prof Sheep	1F C LANNING PhD Assoc Prof Inorganic Chem
12MILES McKEE PhD Asst Prof Beef Cattle Brda	12H C MOSER PhD Prof Radio Chem
12C S MENZIES PhD Assoc Prof Sheep Res	12W G SCHRENK PhD Prof Phys Chem
23W A MOYER MS Ext Prof Swine Spec	1M VAN SWAAY PhD Asst Prof Anal Chem
23P A PHAR PhD Ext Asst Prof Beef Cattle Nutr and Mat	TWI VAIL BRANT THE ASSETTED AND CHEM
12DRAYTFORD RICHARDSON PhD Prof Anim Nutr (India)	Commerce, College of 3900
12R R SGHALLES PhD Asst Prof Genet	12RAY COLEMAN PhD Asst Prof Bus Admin
12E F SMITH PhD Prof Beef Cattle Pasture Mat	
12W H SMITH MS Assoc Prof Anim Brdg	Counseling Center (Col of Arts and Sci) 3905
12H J TUMA PhD Assoc Prof Meat Sci	1D G DANSKIN PhD Prof Psychol and Dir of the
3 H W WESTMEYER MS Ext Beef Cattle Prod and Per-	Counseling Center
formance	
124J D WHEAT PhD Assoc Prof Genet	Dairy and Poultry Science 3910
<b>3</b> K O ZOELLNER PhD Ext Assoc Prof Beef Cattle	123C L NORTON PhD Prof Dairy and Poultry Sci and
Prod and Performance	Head of Dept
	123A W ADAMS PhD Assoc Prof Poultry Sci
Biochemistry 3870	12C A ARMSTRONG BS Asst Prof Dairy Impr
12H L MITCHELL PhD Prof Biochem and Head of Dept	12E F. BARTLEY PhD Prof Dairy Prod
12G R BEECHER PhD Asst Prof Muscle Biochem	12RICHARD BASSETTE PhD Assoc Prof Dairy Mfa
12R K BURKHARD PhD Prof Protein Chem	3E R BONEWITZ MS Ext Assoc Prof Dairy Sci
12R E CLEGG PhD Prof Proteins and Enzyme Chem	3E P CALL PhD Ext Assoc Prof Dairy Sci
12B A CUNNINGHAM PhD Asst Prof Enzyme Chem	12T J CLAYDON PhD Prof DairyIfa
12CHARLES HEDGCOTH Jr PhD Assoc Prof Nucleic Acids	12J V CRAIG PhD Prof Poultry Genet
	12E L FARMER PhD Prof Dairy Prod
12W E KLOPFENSTEIN PhD Asst Prof Lipid Chem 12D D MUELLER PhD Asst Prof Phys Biochem	12K A HUSTON PhD Prof Dairy Prod
12PHILIP NORDIN PhD Assoc Prof Carbohydrate and	3M E JACKSON MS Ext Ass∞ Prof Poultry Sci 12W P JACKSON BS Instr Artificial Insemination
Enzyme Chem	12A J KAHRS BS Instr in Cha Poultry Farm
12D B PARRISH PhD Prof Nutr Chem	12G B MARION PhD Prof Dairy Prod
12W S RULIFFSON PhD Prof Drug and Toxic	12C L MICHAELS BS Instr Artificial Insemination
Compound Absorption and Metabolism	12ROSS MICKELSEN MS Asst Prof Dairy Mfa
	12J D MITCHELL PhD Asst Prof Poultry Prod Tech
Biology (Col of Arts and Sci) 3880	12J L. MORRII J. PhD Asst Prof Dairy Prod
1L E ROTH PhD Prof Cell Biol and Head of Div	12D J MUGLEP, MS Instr Poultry Sci
1D J AMEEL DSc Prof of Zool	12H A ROBERTS MS Instr Dairy Mia
12L C ANDERSON PhD Asst Prof Angt	12P E SANFORD PhD Prof Nutr
12T M BARKLEY PhD Assoc Prof Taxon Curator	12D L STILES BS Instr Artificial Insemination
12WERNER BODE PhD Asst Prof Genet	12G M WARD PhD Prof Dairy Prod
12R A CONSIGLI PhD Assoc Prof Bact Biochem Virol	
12ABRAHAM EISENSTARK PhD Prof Bact Microbiol	Economics (Agr) 3920
Genet	123P L KELLEY PhD Prof Mktg and Head of Dept
12B E ELEFTHERIOU PhD Asst Prof Endocrinol	3T F APPLEBY MS Instr Ext Farm Mat (PO Garnett)
12L E ERWIN PhD Assoc Prof Bact Avian Microbiol	3E K BAKER MS Asst Prof Ext Resource Devlomt
12L R FINA PhD Assoc Prof Bact Physiol	3C E BARTLETT BS Instr Ext Farm Mat
1K W FISHER PhD Assoc Prof Genet	(PO Clav Center) 12A W BIERE PhD Asst Prof Mkgt Resource Econ
12V D FOLTZ MS Prof Public Health Bact	120 H BULLER PhD Asst Prof Farm Mgt Prod Econ
1J C FRAZIER PhD Prof Physiol	3W D COLLINS MS Instr Ext Form Mat (PO Hutchinson)
1J D FREISHN PhD Assoc Prof Genet	3J H COOLING MS Prof Ext Farm Mat
IS DEFRETWELL PhD Asst Prof Biomath	
12H T GIER PhD Prof Embryol Invest 12J A GOSS PhD Assoc Prof Physiol	3R L COPPERSMITH PhD Prof Ext Livestock Mktq 3F D DELANO BS Instr Ext Farm Mgt (PO ElDorado)
12A M GUHL PhD Prof Poultry Zool	3W M DICKSON MS Instr Ext Farm Mgt (PO Hiawatha)
3G C HALAZON MS Ext Assoc Prof Wildlife Mat	123D B ERICKSON PhD Assoc Prof Ext Resource Devlomt
12M F HANSEN PhD Prof Parasitol	3D L FAIDLEY BS Instr Ext Farm Mat (PO Colby)
12J O HARRIS PhD Prof Soil Microbiol	3D L FIGURSKI MS Asst Prof Ext Dist Farm Mat
3C H HENDERSON MS Ex Asst Prof Wildlife Mgt	(PO Hiawatha)
12L C HULBERT PhD Assoc Prof Ecol	3L P FRAZIER MS Asst Prof Ext Resource Devlpmt
12J J IANDOLO PhD Asst Prof Bact	3H W FREDERICK BS Instr Ext Form Mat
12H E KLAASSEN PhD Asst Prof Zool	(PO Hutchinson)
12C L KRAMER PhD Assoc Prof Mycol	3R N GERMANN MS Instr Ext Farm Mgt (PO Jetmore)
1C LARK PhD Asst Prof Genet	3L W GREENE BS Instr Ext Farm Mat (PO Concordia)
1K G LARK PhD Prof Genet	3W D GUY BS Instr Ext Farm Mat (PO Chanute)
IGR MARZOLF PhD Assoc Prof	3R F HACKLER MS Instr Ext Farm Mat (PO Hiawatha)
12ELIZABETH U McCRACKEN PhD Assoc Prof	3R J HAMILTON BS Instr Ext Farm Mat (PO LaCrosse)
Cytogenet	3J G HEROD BS Instr Ext Farm Mat (PO Garden City)
12K J McMAHON PhD Assoc Prof Bact	3L R KEPLEY BS Instr Ext Farm Mgt (PO Hutchinson)
1B M OLIVERA PhD Assoc Prof Brochem	12D A KNIGHT PhD Assoc Prof Farm Mat
123S M P ADY PhD Prof Bot	12J W KOUDELF PhD Assoc Prof Mktq
12T H PITTINGER PhD Prof Genet	3L N LANGEMEIER PhD Asst Prof Ext Farm Mgt

#### KANSAS

#### Economics (Agr) - Continued

12M L MANUEL PhD Prof Mktg and Coops

12J H McCOY PhD Prof Livestock Mktg

34H J McDONALD MS Asst Prof Ext Grain Mktg 3K L McREYNOLDS MS Asst Prof Ext Dist Form Mgt (PO Hutchinson)

12GEORGE MONTGOMERY PhD Prof Agr Policy 3W G MULLEN BS Instr Ext Farm Mgt (PO Erie)
25C W NAUHEIM MS Prod Econ

3D A OLSEN MS Asst Prof Ext Resource Devlomt (PO

Hiawatha) 3H A OLSON MS Instr Ext Farm Mat (PO Concordia)

12FRANK ORAZEM PhD Prof Prod Econ

 ${\tt 3F\ L\ OVERLEY\ MS}\quad {\tt Asst\ Prof\ Ext\ Dist\ Farm\ Mgt}$ 

(PO CoIby) 3L C PARKER MS Instr Ext Farm Mgt (PO Wamego)

12W H PINE PhD Prof Land Econ

3D D PRETZER BS Instr Ext Grain Mktg
3R E REGNIER MS Prof Ext Resource Devlpmt

3J A RICHARDS PhD Assoc Prof Ext Mktg Inform
34J R SCHLENDER MS Asst Prof Ext Dist Farm Mgt
124L W SCHRUBEN PhD Prof Grain Mktg

120 J SCOVILLE PhD Prof Farm Mgt Prod Econ 124J B SJO PhD Prof Farm Mgt

3J F SMERCHEK BS Instr Ext Farm Mat (PO Greensburg)

3P E SMYTHE MS Asst Prof Ext Resource Devlpmt 12L O SORENSON PhD Assoc Prof Transp and Mktg

123W B THOMAS MS Assoc Prof Ext Farm Mgt

3D D TRAYER MS Instr Ext Farm Mgt (PO Garden City)

3J L TREAT MS Asst Prof Dist Spec Farm Mgt (PO Iola)

3S E TRIEB PhD Prof Ext Mktg and Retailing
3K E URBAN MS Instr Ext Farm Mgt (PO Colby)
3G L VACIN MS Asst Prof Ext Resource Devipmt Inform

3MILDRED L WALKER MS Asst Prof Ext Mktg Consum Econ

3L E WHIPPS MS Asst Prof Ext Dist Farm Mgt (PO Garden City)

23N V WHITEHAIR PhD Asst Dept Head for Ext and Prof Ext Mktg

Economics (Col of Arts and Sci)

3930

123 P L KELLEY PhD Prof Mktg and Head of Dept 12E S BAGLEY PhD Prof Water Econ 12J A NORDIN PhD Prof Econ

Education (Agr) (Col of Educ)

3940 1R J AGAN EdD Prof Head of Teacher Educ

1J J ALBRACHT PhD Asst Prof Agr Educ

1E E BAUGHER MS Asst Prof Farm Mech 1H R BRADLEY MS Assoc Prof Agr Educ

1P N STEVENSON MS Assoc Prof Farm Mech

# Engineering, College of

AGRICULTURAL

12G H LARSON PhD Prof of Agr Engin and Head of Dept

12C E ANDERSON MS Instr Soil Conserv
3F B BERGSRUD MS Ext Asst Prof Area Ext Irria Engin

25D S CHUNG PhD Asst Prof Agr Engin 12S J CLARK PhD Assoc Prof Farm Mach

15H H CONVERSE MS Agr Engin Off Farm Conditioning 12G E FAIRBANKS MS Prof Farm Mach

3R L HERPICH MS Ext Prof Irrig Engin

12T O HODGES PhD Prof Farm Structures

3E S HOLMES MS Ext Assoc Prof Agr Engin
12R I LIPPER MS Assoc Prof Rural Elec

12H L MANGES PhD Asst Prof Irrig

15R J MCGINTY MS Res Agr Engin 12A D MCMILLAN BS Instr Irrig Engin

12R L MENSCH MS Instr Farm Structures
15G R MOWRY MS Agr Engin Elec Environ Sect
12J P MURPHY BS Instr Rural Elec

3D E SCHINDLER MS Ext Assoc Prof Arch 3W E SELBY MS Ext Asst Prof Agr Engin

3L R SHUYLER BS Ext Asst Irrig Engin
12G R TENEYCK BS Instr Irrig Engin

3L T WENDLING MS Ext Prof Agr Engin

#### Engineering College of-Continued

CHEMICAL.

1L T FAN PhD Prof Chem Engin and Head of Dept 12R C HALL MS Asst Prof Chem Engin

#### NUCLEAR

1W R KIMEL PhD Prof Nuclear Engin and Head of Dept

1R w CLACK BS Asst Prof

1H J DONNERT PhD Assoc Prof

15N D ECKHOFF PhD Asst Prof

1R E FAW PhD Assoc Prof 1J F MERKLIN PhD Asst Prof

1WALTER MEYER PhD Assoc Prof

4J O MINGLE PhD Prof

1M J ROBINSON PhD Asst Prof

## Entomology

123HERBERT KNUTSON PhD Prof Ent and Head of Dept 12H D BLOCKER PhD Asst Prof Taxon Grassland Ins Leathoopers

3H L BROOKS PhD Ext Asst Prof Pesticidal Safety
12B R CRAVEN MS Instr Fruit Ins

2L J DEPEW MS Asst Prof Ins in Southwestern Kans (PO Garden City)

12R J ELZINGA PhD Assoc Prof Med Ins Mites 4E L ESHBAUGH MS Asst Prof Fruit Veg Ins

3D E GATES MS Ext Assoc Prof

2T L HARVEY PhD Assoc Prof Ins in North Central and Northwest Kans (PO Hays)

12T L HOPKINS PhD Assoc Prof Physiol Toxicol Tracers Pesticidal Residues

12A M KADOUM PhD Asst Prof Pesticidal Chem

12R B MILLS PhD Asst Prof Stored Prod Ins

12R H PAINTER PhD LLD Prof Host Plant Resistance to Ins Taxon

12C W PITTS PhD Asst Prof Livestock Ins 12C W RETTENMEYER PhD Assoc Prof Ins

Behavior EcoI

6J H SIMPSON MS (State Bd Agr) Surv 5H W SOMSEN MS Collab Wheat Streak-Mosaic

Vectors Hessian Fly .

12H E THOMPSON PhD Assoc Prof Tree Ornam For Ins

12D A WILBUR MS Prof Stored Prod Ins

12G E WILDE PhD Asst Prof Field Crop Ins

# Extension Adminstration

3950

3970

3R A BOHANNON PhD Dir of Ext 3P W GRIFFITH PhD Assoc Dir of Ext 3E J PETERSON BS Admin Asst

# OFFICE OF PROGRAMS AND TRAINING

3W E RINGLER PhD Asst Dir of Ext

3W G AMSTEIN MS Prof Ext Spec Internatl Participant Trainina

34R L JOHNSON PhD Prof Coord Ext Studies

13W L PRAWL PhD Assoc Prof Ext Spec Pers Training 13CURTIS TRENT PhD Prof Coord Ext Pers Training

# EXTENSION INFORMATION

13K E THOMAS PhD Prof and State Ldr and Dir Div of

OFFICE OF EXTENSION INFORMATION

3E D WARNER BS Prof Assoc State Ldr

3MIRIAM L DEXTER MS Assoc Prof Asst Ext Ed

3G R DIERKING BFA Instr Ext Spec in Vis Aids

3D L ESSLINGER MS Asst Prof Asst Ext Ed 3R O GRAHAM MS Assoc Prof Asst Ext Ed

3Mrs PATRICIA G KOONS BS Instr Asst Ext Ed

3R C MEDLIN BS Ext Asst Asst Ext Ed 3F M PARRIS MS Assoc Prof Asst Ext Ed

3E G PECK MS Asst Prof Ext Spec Vis Aids

23G W PETERSON MS Instr Ext Spec Vis Aids

3MARJORIE A TENNANT MS Asst Prof Asst Ext Ed 3C R UNRUH MS Assoc Prof Asst Ext Ed

KANSAS 3970-4000

#### Extension Administration-Continued

OFFICE OF RADIO AND TELEVISION EXTENSION 3J M BURKE MS Assoc Prof Assoc State Ldr Mar Radio Sta KSAC

13D I BREWER BA Instr Ext Spec in Radio and TV 3P F DEWEESE MS Asst Prof Ext Spec in Radio and TV

3KARLA A KETCH BFA Instr Ext Spec in Radio and TV 3L D KUEHN BS Instr Ext TV Prod

3D M SPRINGER MS Asst Prof Sect Ldr and Ext TV Prod

3J R STOCKARD BA Ext Asst Ext Motion Picture Prod 3R S TITUS MS Assoc Prof Asst Mar Radio Sta KSAC

# EXTENSION HOME ECONOMICS

3Mrs SHIRLEY A WHITE PhD Prof State Ldr

3Mrs KATHRYN E SUGHRUE MS Assoc Prof State Ldr 3ANNABELLE J DICKINSON MS Asst Prof Asst to State Ldr

3PHYLLIS E KEMP MS Asst Prof Asst to State Ldr 3Mrs ZOE E SLINKMAN BA InstrAsst to State Ldr 3Mrs ELINOR A ANDERSON MS Asst Prof Ext Spec Home Mat

3DAISY Z ATKINSON MS Asst Prof Ext Spec Foods and Nutr

3MARTHA E BRILL BS RN Asst Prof Ext Spec Health 3Mrs JEAN K CARLSON MS Asst Prof Dist Ext Spec Home Mat

3Mrs VERA M ELLITHORPE PhD Assoc Prof Ext Spec Home Mat

3GERSILDA GUTHRIE MA Asst Prof Dist Ext Spec Home Mat

3Mrs DEBORAH HOBBLE MS Asst Prof Fixt Spec Fam Life

3Mrs JERELDINE R HOWE MS Asst Prof Ext Spec Cloth and Text

3N AOMI M JOHNSON MS Assoc Prof Ext Spec Cloth and Text

3ELSIE L MILLER MS Asst Prof Ext Spec Foods and Nutr

3Mrs DOROTHY H NEUFELD MS Asst Prof Dist Ext Spec Home Mat

3INEZ PASS MS Asst Prof Ext Spec Foods and Nutr 3NORMA J REDEKER MS Asst Prof Dist Ext Spec Home

3Mrs ETHEL L SELF MS Assoc Prof Ext Spec Home Mat 3Mrs WINONA M STARKEY MS Asst Prof Ext Spec Home Furn

3M CHRISTINE WIGGINS MS Assoc Prof Ext Spec Cloth and Text

4-H AND OTHER EXTENSION YOUTH PROGRAMS

3G M BUSSET PhD Prof State Ldr

3J D APEL PhD Assoc Prof Assoc State Ldr

3Mrs MARJORIE J AREA MS Asst Prof Ext Spec in 4-H Club Work

3C T BATES Jr MS Asst Prof Ext Spec in 4-H Club Work

3W H BORST MS Asst Prof Area Ext Spec in 4-H Club Work

3C L EYESTONE MS Assoc Prof Ext Spec in 4-H Club Work

3J B HANNA MS Assoc Prof Ext Spec in 4-H Club Work 3ARLISS E HONSTEAD MS Asst Prof Ext Spec in 4-H Club Work

# COUNTY EXTENSION OPERATIONS

30 W NORBY PhD Prof and State Ldr Field Oper 3Mrs MARIELLEN J APPLEBY MS Asst Prof Dist Ext Home E.con

3E W BLANKENHAGEN BS Asst Prof Dist Ext Supvr 34L J COX MS Assoc Prof Dist Ext Supvr

3ROSEMARY A CRIST MS Asst Prof Dist Ext Home Econ

3R M HOSS BS Asst Prof Dist Ext Supvr

3R F KING Jr MS Assoc Prof Dist Ext Supvr

3R H MANN MS Asst Prof Dist Ext Supvr

3EUGENE ROSS PhD Prof Dist Ext Supvr

3Mrs MARY M SCHROEDER MS Instr Dist Ext Home . Econ

3RUTH I WELLS MS Asst Prof Dist Ext Home Econ

Groin Science and Industry

123W J HOOVER PhD Prof Grain Sci and Indus and Head of Dept Dir Food and Feed Grain Inst

3J L BALDING BS Instr Spec in Util of Formula Feeds

5L C BOLTE BS Milling Technol Hard Winter Wheat Regional Lab

12C W DEYOE PhD Prof Grain Sci Feed Technol
12E P FARRELL MS Prof Grain Sci Milling Technol

15K F FINNEY MS Prof Grain Sci Hard Winter Wheat Regional Lab

5A J GEHRT Admin Aid (ARS)

5R C HOSENEY MS Chem Hard Winter Wheat Regional Lab

12J A JOHNSON PhD Prof Grain Sci Milling and Baking 12MAJEL, M MACMASTERS PhD Prof Grain Sci Cereal Chem

12G D MILLER MS Asst Prof Grain Sci Cereal Chem 12H B PFOST PhD Prof Grain Sci Feed Technol 15YESHAJAHU POMERANZ PhD Prof Grain Sci Hard Winter Wheat Regional Lab

12R J ROBINSON PhD Asst Prof (Temp) Grain Sci Cereal Chem

23R W SCHOEFF PhD Prof Spec in Util of Formula Feeds

12J A SHELLENBERGER PhD Dist Prof Grain Sci and Indus

5MERLE SHOGREN MS Cereal Technol Hard Winter Wheat Regional Lab

12F K SHOUP MS Instr Grain Sci Feed Technol

12R W SUCHER PhD Assoc Prof Grain Sci Millina 12A B WARD MS Prof Grain Sci Milling Technol

23R A WILCOX PhD Prof Spec in Util of Formula Feed

# Geology and Geography (Cal of Arts and Sci)

3985 3990

3980

12H V BECK PhD Prof Geol

Home Economics, College of 12Mrs DORETTA S HOFFMAN PhD DSc Prof Dean of Col Assoc Dir Agr Expt Sta

12RUTH MHOEFLIN PhD Prof Child Devlomt Assoc Dean of Col

CLOTHING TEXTILES AND INTERIOR DESIGN 12JESSIE A WARDEN PhD Prof Cloth and Head of Dept 12ESTHER M CORMANY MS Assoc Prof Text 12PEGGY SOTT MS Asst Prof Cloth Text

FAMILY AND CHILD DEVELOPMENT 12MARJORIE M STITH PhD Prof Child Devlomt and Head of Dept

12S R BOLLMAN PhD Asst Prof Fam Devlpmt 12Mrs IVALEE McCORD PhD Prof Child Devlpmt 12BEVERLY L SCHMALZRIED PhD Assoc Prof Child Devlomt

#### FAMILY ECONOMICS

12R L D MORSE PhD Prof Fam Econ and Head of Dept 12Mrs PATTY J ANNIS MS Asst Prof Household Equip

#### FOODS AND NUTRITION

12LUCILLE WAKEFIELD PhD Prof Foods and Nutr and Head of Dept

12Mrs JANE BOWERS PhD Asst Prof Foods 12JEAN F CAUL PhD Prof Foods 12BEATRICE FINKELSTEIN MS Prof Human Nutr 12Mrs BETH FRYER PhD Assoc Prof Human Nutr 12DOROTHY L HARRISON PhD Prof Foods 12GWENDOLYN L TINKLIN MS Prof Foods

# INSTITUTIONAL MANAGEMENT

12Mrs GRACE M SHUGART MS Prof Inst Mat and Head of Dept

124Mrs MARJORIE M HEMPHILL MS Asst Prof Inst Mat 12Mrs RAYMONA H MIDDLETON MS Asst Prof Inst Mat

### Horticulture and Forestry

4000

123R W CAMPBELL PhD Prof Hort and Head of Dept 2E ABMEYERBS Asst Prof in Cha Northeast Kans Expt Field (PO Wathena)

4000-4090

KANSAS Harticulture and Forestry-Continued Physics (Col of Arts and Sci)-Continued 3F D ATCHINSON BS Instr Dist For (PO Ft Hays) 12L D BARK PhD Prof Phys 1A B CARDWELL PhD Prof Phys 3L E BILES BS Instr Area For (PC Hiawatha) 3C R BISWELL MS Asst Prof Area For 12F W CRAWFORD PhD Assoc Prof Phys 3G F BRATTON BS Inst Area For (PO Parsons) 12BASIL CURNUTTE PhD Prof Phys 12W J CARPENTER PhD Prof Flor 12MITSUGI OHNO Asst Instr Phys 3H A DEUTCH MS Asst Prof Dist For (PO Hutchinson) 12J H TORMEY Res Asst Phys 12R W FUNSCH PhD Asst Prof For Genet 3H G GALLAHER MS Prof State For Plant Pathology 4050 3H B GAYLOR BS Asst Prof For 3J C GEISLER BS Instr Area For (PO Higwatha) 123J F SCHAFER PhD Prof Plant Path and Head of Dept 25L E BROWDER PhD Asst Prof Plant Path 12W A GEYER MS Asst Prof For 25J R BURLEIGH PhD Asst Prof Plant Path 120 J DICKERSON PhD Assoc Prof Nematol 3L K GOULD BS Instr For Mktg Util 12J K GREIG Jr PhD Assoc Prof Veg Crops 25L K EDMUNDS PhD Assoc Prof Plant Path 12E D HANSING PhD Prof Plant Path 34G W GREY BS Asst State For 2F B HADLE MS Asst Prof Hort 12C V HALL PhD Assoc Prof Hort Vea Brda 12L B JOHNSON PhD Asst Prof Plant Path 3C L KING MS Prof Ext Plant Path 2Mrs AVELINA Q PAULSEN PhD Asst Prof Plant Path 23M T JONES MS Instr Area Hort (PO Ulysses) 123R A KEEN PhD Prof Ornam Hort Turf 25D B SAUER PhD Asst Prof Plant Path 12W H SILL Jr PhD Prof Virol 3L D LEUTHOLD MS Instr Flor Ornam Hort 12C E LONG MS Instr Ornam Hort 12D L STUTEVILLE PhD Asst Prof Plant Path 3W L LOUCKS BS Instr Areα For 12N W MILES PhD Asst Prof Pomol 3W G WILLIS PhD Asst Prof Ext Plant Path 23F D MORRISON PhD Assoc Prof Pomol
3G C NAUGHTON BS Instr Dist For (PO Parsons) Political Science (Col of Arts and Sci) 4060 1W W BOYER PhD Prof and Head of Dept 3J J NIGHSWONGER BS Instr Landsc Arch 12L H DOUGLAS PhD Prof Political Sci 12R E ODOM PhD Asst Prof Flor 3L R PINKERTON MS Asst Prof For Sociology and Anthropology (Col of Arts and Sci) 4070 3L W SHREVE MS Instr For 1E A FRIEDMANN PhD Prof and Head of Dept 12J E DI SANTO PhD Asst Prof Social Demography 3J P SLUSHER BS Instr Area For 12EUGEN LUPRI PhD Assoc Prof Social Surv 3J K STRICKLER MS Asst Prof Asst State For 12G T WILSON MS Asst Instr Veq 12W C ROHRER PhD Prof Social Change 2J W WINZER MS Asst Prof in Cha SEK Expt Field Statistics (Col of Arts and Sci) 4080 International Agricultural Programs 4010 12H C FRYER PhD Prof Statis and Head of Dept 12K S BANERJEE PhD Prof Math Statis IV C LARSON EdB Prof Dairy and Poultry Sci Dir Internatl Agr Prog 12W J CONOVER PhD Assoc Prof Math Statis 13W G AMSTEIN MS Prof Ext Hort Internatl Agr Prog 12A D DAYTON PhD Asst Prof Statis Genet 12IVAN ERDELYI PhD Assoc Prof Computer Sci 1J E DIXON MS Assoc Prof Agr Engin (India) 1R H DUBOISMS Asst Prof Irrig Spec (India) 12A M FEYERHERM PhD Prof Math Statis 1E L ESHBAUGH BS Asst Prof Plant Protection Spec 12P S FISHER PhD Asst Prof Computer Sci (India) 1Mrs DOPIS L GROSH Ph.L. Asst Prof Math Statis 1E E FIRESTONE MS Assoc Prof Anim Nutr (Nigeria) 12K E KEMP PhD Asst Prof Statis and Computer Sci 1G T HARTKE DVM Prof Anat (Nigeria) 1T E HOFFMAN MA Asst Prof Agr Inform Spec (India) 1S K PERNG PhD Asst Prof Statis 1J M HUMBURG DVM Asst Prof Phys (Nigeria) 1Mrs ELIZABETH A UNGER MS Assoc Dir Computer 1P E JOHNSON MS Assoc Prof Dairy Tech Spec (India) Cent and Instr Computer Sci 1R L JOHNSON PhD Prof Ext Res Liaison Off (Niaeria)
1L D LAWRENCE MS Aar Impls (India) 12C S WALKER MS Asst Prof Computer Sci 12R A WALLER PhD Asst Prof Math Statis 1F N MOORE DVM Prof Vet Med (Nigeria)
1C B OVERLEY MS Asst Prof Seed Impr Spec (India)
1V H PETERSON MS Asst Prof Soil Fert (India) Veterinary Medicine, College of 4090 1C E CORNELIUS DVM PhD Dean of Col and Assoc 13W L PRAWL PhD Assoc Prof Ext and Internatl Aar Dir Agr Expt Sta Physiol Prog 3H K CALEY DVM Assoc Prof Ext Vet 1L T RAILSBACK DVM BS Asst Prof and Chief of Party 3C E LINGLE DVM Asst Prof Ext Vet (Nigeria) IDRAYTFORD RICHARDSON PhD Prof Anim Husb and INFECTIOUS DISEASES (Vet Med) Chief of Party (India) 12E H COLES DVM PhD Prof of Infectious Dis and Head 1M G ROBL DVM PhD Assoc Prof Path (Nigeria) of Dept 1L W ROGERS DVM Asst Prof Surg and Med (Nigeria) 12A L BURROUGHS DVM PhD Assoc Prof Virol IMrs VERA P ROGERS DVM MS Asst Prof Angt (Nigeria) 12C M HIBBS DVM PhD Assoc Prof Infectious Dis 1D E SCHAFER MS Asst Prof Meat Tech Spec (India) 12D C KELLEY DVM MS Assoc Prof Public Health 1H G SEVERÂNCE MS Assoc Prof Agr Engin (Nigeria)
1G K TERPENING MS Prof Farm Mgt Spec (India) 12S E LELAND Jr PhD Prof Parasitol 12G W OSBALDISTON DVM PhD Assoc Prof Clin Path 1M A THOMPSON MS Admin Asst (Nigeria) 1G F. WILKINSON PhD Assoc Prof Soil Phys (Nigeria) PATHOLOGY (Vet Med) 12S M DENNIS DVM PhD Prof of Path and Head of Dept 12H D ANTHONY DVM MS Assoc Prof Diagnostic Lab Journalism (Tech) (Col of Arts and Sci) 1R R LASHBROOK MS Prof of Journalism and Head of 12A P GRAY DVM PhD Asst Prot Diagnostic Lab Dept 12M D McGAVIN DVM PhD Assoc Prof Path 1G R EATON BS Asst Prof Tech Journalism 12E B MACY MS Assoc Prof Tech Journalism 12W R RAPP DVM Instr Diagnostic Lab 12A C STRAFUSS DVM PhD Assoc Prof Path Photographic Services (Div of Univ Inform) 4030 PHYSIOLOGICAL SCIENCES (Vet Med)

4040

1D R VON RIESEN Head of Dept

12B H BAILEY MS Res Assoc Phys

12R B LEACHMAN PhD Prof Phys and Head of Dept

1K J LOCKE Photog

Physics (Col of Arts and Sci)

1L L LUNDQUIST Photog

63

12E L BESCH PhD Assoc Prof Physiol and Head of Dept

12G H CARDINET III DVM PhD Asst Prof Anat 12RUDOLF CLARENBURG PhD Assoc Prof Physiol

12R R GRONWALL DVM PhD Asst Prof Physiol

12M R FEDDE PhD Assoc Prof Physiol

12R A FREY DVM MS Instr Physiol

Veterinary Medicine, College of-Continued

4G T HARTKE DVM Instr Anat (Nigeria)

12R D KLEMM PhD Asst Prof Gross Anat

12A S MIA DVM PhD Res Assoc Physiol

12G K L UNDERBJERG DVM PhD Prof Physiol

12D W UPSON DVM Instr Pharmacol

12JANE A WESTFALL PhD Asst Prof Microscopic Anat

SURGERY & MEDICINE (Vet Med)

12N V ANDERSON DVM Asst Prof Med

12R E MILLER DVM Instr

12J L NOORDSY DVM MS Prof Surg

4100

1RICHARD FARLEY PhD Dir of Librs

2Mrs JOAN SISTRUNK MS Res Asst Vice Pres for Agr

Colby

4110

2E F. BANBURY BS Assoc Prof Supt

22W W HARRIS MS Asst Prof Soils
2R LIBBETSON BS Temporary Instr
2J R LAWLESS MS Asst Prof Cereal Crops

2C W SPAETH MS Asst Prof Livestock

Garden City

2A B ERHART BS Prof and Supt

2D W ARNETT PhD Assoc Prof Anim Sci 2J L CONDRAY MS Asst Prof Weeds

2L J DePEW MS Asst Prof Ent

2G M HERRON PhD Asst Prof Soils

2P E PENAS MS Asst Prof Irrig 2W D STEGMEIER MS Asst Prof Crops

2P K YU PhD Asst Prof Hort

Soutneast Kansas Expt Sta (PO Mound Vallev)

2F W BOREN PhD Prof Anim Husb and Supt

2E J BEASON BS Instr Crops and Soils

2G L KILGORE MS Instr Crops and Soils

2H B PERRY MS Instr Anim Husb 2D A STILES MS Asst Prof Dairy Prod

Tribune

2R E GWIN Jr MS Asst Prof Supt

2T B STINSON BS Asst Prof

Fort Havs Branch Experiment Station, Hays

67601

2Station Staff 5Coop USDA

4120

2W W DUITSMAN BS Assoc Prof Supt

2W M BAXTER BS Asst Prof and Asst to Supt

2D G ELY PhD Asst Prof Anim Nutr

211 L HACKEROTT MS Assoc Prof Forage Crops

2T L HARVEY PhD Assoc Prof Ent Wheat Alfalfa Sorghum Livestock Ins

2.1 L LAUNCHBAUGH Jr PhD Prof Grass Mgt

2R W LIVERS PhD Prof Cereal Crops

5W M PHILLIPS MS Assoc Prof Agron Weed Invest

5W M ROSS PhD Genet Sorghums ARS

2C A THOMPSON MS Asst Prof Soils

# KENTUCKY

College of Agriculture, School of Home Economics, the Agricultural Experiment Station, and the Cooperative Extension Service of the University of Kentucky, Lexington

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

4130

123.J W OSWALD PhD Pres of Univ (606-258-9000 Ext 2131)

123R F KERLEY BS Vice Pres Bus Affairs Treas (606-258-9000 Ext 2177)

123W A SEAY PhD Dean of Col of Aar Dir of Ext (606-258-9000 Ext 2171)

123C E BARNHART PhD Assoc Dean of Col Dir of Sta (606-258-9000 Ext 2276)

3G W SCHNFIDER PhD Assoc Dir of Aar Ext (606-258-9000 Ext 2610)

2G W STOKES PhD Assoc Dir of Sta Dir of Tobacco Res (606-258-9000 Ext 2864)

3E M TREW Jr PhD Asst Dir of Agr Ext (606-258-9000 Ext 2619)

123K J RAHAL BBA Dir Fiscal Mat (606-258-9000 Ext 2649)

Agronomy

4140

123J L RAGLAND PhD Prof Soil Chem Dept Chmn

5R A ANDERSON PhD Asst Prof (Adjunct Series) Res Chem Biochem of Tobacco

12W O ATKINSON MS Res Spec Tobacco Prod and Mat 12H H BAILEY PhD Assoc Prof Soil Classif

12R I BARNHISEL PhD Asst Prof Soil Sci

2J F BENNER PhD Asst Prof Chem of Tobacco Smoke

12R L BLEVINS PhD Asst Prof Soil Classif

12B J BLOOMFIELD PhD Asst Prof Soil Microbiol

25C E BORTNER MS Prof Tobac∞ Prod and Mat 5R C BUCKNER PhD Assoc Prof (Adjunct Series)

Grass Brda

5DONALD BURDICK PhD Asst Prof (Adjunct Series) Tobacco Chem

25P B BURRUS II MS Res Spec Grass Brda

2H R BURTON PhD Asst Prof Chem of Tobacco Smoke

12L P BUSH PhD Asst Prof Plant Phys

2J R CALVERT MS Res Spec Tobacco Brda

5AMBER L CHENG PhD Asst Prof (Adjunct Series) Res Chem Biochem of Tobacco

2G B COLLINS PhD Asst Prof Tobacco Genet and Brda

3G D CORDER MS Ext Spec Soils

2D L DAVIS PhD Asst Prof Plant Physiol 2J C DICKEN BS Res Spec Fdn Seed

2W G DUNCAN PhD Prof Plant Physiol 3G A EVERETTE MS Ext Spec in Tobacco (PO Princeton)

12V C FINKNER PhD Prof Small Grain Brda

2C H GRUNWALD PhD Asst Prof Sterol Biosynthesis 5J L HAMILTON MS Res Spec (Adjunct Series) Res

Agron Tobacco Prod and Fert

13J W HERRON PhD Ext Prof Weed Control

12A J HIATT PhD Prof Plant Physiol

5M J KASPERBAUER PhD Assoc Prof (Adjunct Series) Plant Physiol

5W A KENDALL PhD Prof (Adjunct Series) Plant Physiol

5P D LEGG PhD Asst Prof (Adjunct Series) Tobacco Genet and Brda

5R H LOWE PhD Assoc Prof (Adjunct Series) Res Plant Physiol

12H F MASSEY PhD Prof Soil Chem

3I E MASSIE MS Ext Spec in Tobacco 3H F MILLER MS Ext Spec in Soils

12D E PEASLEE PhD Assoc Prof Soil Fert 12R E PHILLIPS PhD Assoc Prof Soil Phys

3S H PHILLIPS MS Ext Spec in Crops

12C G PONELEIT PhD Asst Prof Com Brdg
3H R RICHARDS PhD Asst Ext Prof Spec in Crops

123W A SEAY PhD Prof Soil Chem

2JF SHANE MS Res Spec Cereal Prod and Mat 2S J SHEEN PhD Asst Prof Physiol Plant Dis

12R E SIGAFUS PhD Prof Sovbean and Mat

2J L SIMS PhD Asst Prof Soil Fert

3J H SMILEY PhD Assoc Ext Prof Tobacco 12G W STOKES PhD Prof Tobacco Brda

1W G SURVANT PhD Prof Soil Phys

12N L TAYLOR PhD Prof Legume Brdg

12T H TAYLOR PhD Prof Crop Ecol

12W C TEMPLETON Jr PhD Prof Pasture Mgt

2G W THOMAS PhD Prof Soil Fert and Chem 3W C THOMPSON MS Ext Spec Forage Crops

2JR TODD MS Res Spec Soil and Plant Anal 3E M TREW Jr PhD Assoc Ext Prof Forage Crops

2C R TUTT MS Res Spec Crop Mat 2Mrs CAROL J VAN METER PhD Asst Prof Plant

Physiol 2A M WALLACE MS Res Spec Tobacco and Mat

2D W WATTENBARGER MS Res Spec Pasture Mat

KENTUCKY 4140-4220

#### Agronomy-Continued

12G T WEBSTER PhD Prof Plant Cytol 12J C WILLIAMS PhD Asst Prof Quantitative Genet 3C E WYATT MS Area Agt in Ext (PO Mayfield) 2ALEXIS ZANE PhD Asst Prof Tobacco Chem

**Animal Sciences** 

123W P GARRIGUS PhD Prof Dept Chmn 23P G WOOLFOLK PhD Prof Sheep Vice Chmn 12J P BAKER PhD Asst Prof Horses Nutr 123C E BARNHART PhD Prof Swine 12J J BEGIN PhD Assoc Prof Poultry Nutr 2J A BOLING PhD Asst Prof Beef Nutr 12N W BRADLEY PhD Prof Beef Cattle 3D G BRAUND PhD Asst Ext Prof Dairy Prod 1C F BUCK PhD Prof Beef Cattle 23G M CHAPPEL PhD Asst Ext Prof Sheep Prod

12G L CROMWELL PhD Asst Prof Swine 2D D KRATZER PhD Asst Prof Statis

3B T DEAN PhD Assoc Ext Prof Area Swine Spec 12R H DUTT PhD Prof Physiol of Reprod 2D G ELY PhD Asst Prof Sheep Nutr

2J D FOX PhD Asst Prof Foods Biochem 12T R FREEMAN PhD Prof Dairy Technol 3R C GRAY Jr PhD Assoc Ext Prof Beef Cattle 12V W HAYS PhD Prof Swine Nutr

23W M INSKO Jr MSA Prof Livestock Impr 2D R JACOBSON PhD Prof Dairy Nutr 3B M JONES Jr PhD Asst Ext Prof Beef Cattle

12J D KEMP PhD Prof Meats

3C B LANE PhD Asst Ext Prof Dairy Technol 12B E LANGLOIS PhD Assoc Prof Dairy Bact 12C O LITTLE PhD Prof Anim Nutr

2D W MACLAURY PhD Prof Poultry Genet 12G E MITCHELL Jr PhD Prof Nutr 12W G MOODY PhD Assoc Prof Meats

3J H NICOLAI Jr PhD Asst Ext Prof Dairy Prod 12DURWARD OLDS DVM PhD Prof Physiol of Reprod 2J R OVERFIELD MS Res Spec Livestock (PO

Princeton) 12A W RUDNICK Jr PhD Assoc Prof Dairy Technol 1KOB RYEN MS Asst Prof Light Horses

23D M SEATH PhD Prof Dairy 12F A THRIFT PhD Asst Prof Beef Brda

3E C TROUTMAN MS Ext Spec Dairy Prod 3J W TUTTLE MS Ext Spec Poultry Prod 2H H VANHORN PhD Asst Prof Dairy Nutr 3W Y VARNEY PhD Ext Prof Meats Util

3J C WHITE MS Res Spec Poultry 3M D WHITEKER PhD Assoc Ext Prof Swine Prod 3W W WUNDER PhD Asst Ext Prof Dairy Brda

Economics (Agr) 123R W RUDD PhD Prof Dept Chmn
3S Q ALLEN MS Ext Spec Form Mot

12R J AMICK PhD Assoc Prof Prod Econ 12K R ANSCHEL PhD Asst Prof Econ Devlpmt Mktg

123W C BINKLEY MS Assoc Prof Coop 12B W BOBST PhD Asst Prof Mktg

3C O BONDURANT MS Area Agt Farm Mgt
12J H BONDURANT PhD Prof Land Econ

2R H BRANNON PhD Asst Prof Aar Econ Devlomt 3WILMER BROWNING MS Ext Spec Agr Outlook

12G B BYERS PhD Prof Farm Mat Labor Econ 12C M CLARK MS Assoc Prof Tobacco Mkta

1J E CRISWELL PhD Asst Prof Farm Mat 1E D GOOCH PhD Asst Prof Hort Mkta

5V N GRISE MS Res Spec (Adjunct Series) Agr Econ Farm Mat

3W W HOURIGAN MS Instr Ext Spec Agr Policy 12F E JUSTUS PhD Assoc Prof Farm Mat

3EVERETTE MACKEY MS Ext Spec in Poultry Mktg 12L L MATHER PhD Asst Prof Agr Mktg

2W H MINTON MS Asst Prof Fruit and Veq Mktg 3R M MISCHON MS Resource Devlpmt Spec

12J C REDMAN PhD Prof Prod Econ 2J B ROBERTS MS Prof Dairy Mkta 3B R ROBERTSON MS Ext Spec in Fruit and Veq Mktq
3Z C SAUFLEY MS Ext Spec Livestock Mktq 12D M SHUFFETT PhD Prof Mktg and Statis

Economics (Agr)-Continued

12E D SMITH PhD Prof Coop 5J G STOVALL PhD Asst Prof (Adjunct Series) Agr Econ Farm Mat

3A B WEBB MA Spec in Res Devlomt Public Affairs

4150 Engineering (Agr) 4190

123B F PARKER PhD Prof Dept Chmn

2B J BARFIELD PhD Asst Prof Soil and Water 2J B BROOKS MS Assoc Prof Farm Structures

12J M BUNN PhD Assoc Prof Tobacco Res 2J H CASADA MS Res Spec Form Mach

3G A DUNCAN MS Ext Spec Agr Proc

3J K EVANS MS Ext Spec Rural Civ Def 12C T HAAN PhD Asst Prof Soil and Water

3H E HAMILTON MS Ext Spec Mater Handling 5W F HENSON PhD Assoc Prof (Adjunct Series)

Tobacco Res

3W R MCCLURE MS Ext Spec Farm Mach

3K C MILLS BS Ext Spec Rural Civ Def

5J E MORRISON Jr MSE Res Spec (Adjunct Series) Mech of Tobacco Stripping

12I J ROSS PhD Assoc Prof Proc 12E M SMITH MS Assoc Prof Farm Mach

3G M TURNER MS Ext Spec Farm Structures

12J N WALKER PhD Prof Form Structures

12G M WHITE PhD Asst Prof Elec Power and Proc 5E E YODER MS Asst Prof (Adjunct Series) Tobacco

1E R YOUNG MSAE Assoc Prof Farm Mach

Entomology

4200

123L H TOWNSEND PhD Prof Dept Chmn 2D L DAHLMAN PhD Asst Prof Ins Physiol 2P H FREYTAG PhD Assoc Prof Taxon 12F W KNAPP PhD Assoc Prof Med Vet Ent 2B C PASS PhD Assoc Prof Forage Grass Ins 12J G RODRIGUEZ PhD Prof Fruit Vea Ins 3R A SCHEIBNER PhD Asst Ext Prof Agr Ent 12RICHARD THURSTON PhD Prof Tobacco Ins 2H G TILSON MS Dept State Ent Tree Ornam Ins

Extension Administration

4210

123W A SEAY PhD Dir 3G W SCHNEIDER PhD Assoc Dir

3E M TREW Jr PhD Asst Dir of Agr Ext

3M R BARNETT MS Area Dir

3G M BASTIN MS Prog Spec 3K C BEAN MS Area Dir 3B F BROWN MS Area Dir

3C O CHRISTIAN MS Area Dir

3B E COODY PhD Assoc Ext Prof Acta Chmn Home Econ Ext Proa

3CHARLIE DIXON MS Prog Spec

3MIKE DUFF PhD Assoc Prof Chmn Devlpmt Prog

3J W KIDWELL MS Prog Spec Forage

3J E LAWSON MS Area Dir

3L T LOUDERBACK MS Area Dir Forage

3R A MABRY MS Area Dir Econ

3Mrs OPAL MANN MS Prog Spec

3D D POOLE PhD Asst Ext Prof and Area Dir

3H H POPE BS Area Dir

3J C ROBERTSON PhD Assoc Ext Prof Chmn Agr Prog

3Mrs MARCY D STEWART BS Prof Spec Home Econ

4W R SUMMERHILL MS Area Dir 3P K TEAGUE MA Area Dir

3J B THORNTON MS Area Dir

13A P UTZ Jr PhD Asst Ext Prof Ext Spec Training 3WILMA VANDIVER BS Area Dir

3B E WHEELER MS Area Dir Educ

3JOHN WOESTE PhD Asst Ext Prof Area Dir Educ

Forestry

4180

4220

123B F PARKER PhD Prof Actg Dept Chmn 120 M DAVENPORT MS Prof Wood Util 1R L HOWARD BS Instr For Mgt 2RICHARD MARK PhD Assoc Prof For Prod 2D B RICHARDS PhD Prof For Prod 3J A NEWMAN BS Ext Spec Mgt

Home Economics. School of

Regulatory Services-Continued

12C M COUGHFNOUR PhD Dean of Home Econ 3MARIAN BARTLETT MS Ext Spec Home Furn 2P R CAUDILL PhD Asst Prof Asst Dir Chem Feed and Fert 3Mrs MARY D BROWDER MS Ext Spec Parent Educ 2JOHN ELLIS MS Senior Res Anal Feed and Fert 2J M FERNANDEZ Regional Spec Feed and Fert 2J S HARRISON MS Asst Prof Feed and Fert and Child Devlomt 3REBAK BULLEN MS Res Devlomt Spec in Fam Econ 2W J HUFFMAN MS Regional Spec Feed and Fert 2V C MIDKIFF MS Regional Spec Chem Feed and Fert 3Mrs SUF W BURRIER MS Ext Spec Nutr 2Mrs LINDA L H CHEN PhD Asst Prof Metabolism 3ELIZABETH HELTON MS Ext Spec Foods and Nutr 2J A SHRADER MS Senior Res Anal Feed and Fert 2Mrs ROBERTA B HILL PhD Assoc Prof Foods and Nutr 4300 Sociology (Rural) 4Mrs EVELYN H JOHNSON MA Ext Spec Foods and 123T R FORD PhD Prof Dept Chmn Nutr 3J S BAXTER MS Res Devlpmt Spec Tourism and Re-3Mrs GLADYS M LICKERT MS Ext Spec Cloth creation 2ABBY L MARLATT PhD Prof Food and Mktg Res 3W R BRIDGES MS Res Devlpmt Spec Com Devlpmt 3MARY H MARSHALL BS Ext Spec in Cloth 12J S BROWN PhD Prof Migration Regions Instr 2L V PACKETT PhD Assoc Prof Foods Nutr 12R J BURDGE PhD Asst Prof Recreation Res Use 3Mrs FLORENCE PARKER MS Ext Spec 12AL COLEMAN PhD Prof Diffusion of Technol Inter-3VANDILLA PRICE MA Ext Spec Resource Devlpmt group Relat 3KATHRYN G SEBREE MA Ext Spec Home Furn 3W R MILLER MA Ext Spec Community Organ Res 2GERTRUDE SKERSKI MG Asst Prof Nutr Res Devlomt 4Mrs DORIS A TICHENOR MS Instr Food Technol 4R J RAMSEY MA Ext Spec Community Group Dynamics 3Mrs RACHEL R WALLACE MS Ext Spec Cloth Prog Planning 2Mrs CLAUDIA F. WELLS MS Asst Prof Food Technol 3F A SANTOPOLO PhD Ext Prof Community Social Change Eval 4250 Horticulture 3C T STRECKER MS Res Devlomt Spec in Youth Prog 123H C MONR PhD Prof Dept Chmn
3D A APPS PhD Asst Ext Prof Flor and Ornam 3J A TAYLOR MS Res Devipmt Spec Adult Educ 5E G YOUMANS PhD Assoc Prof (Adjunct Series) Ge-3W D ARMSTRONG MS Fixt Spec Fruits (PO Princeton) rontol Occup Dynamics Educ 2J W BUXTON MS Res Spec Flor 12C E CHAPLIN MS Assoc Prof Fruits 12D J COTTER PhD Assoc Prof Veg 4310 Miscellaneous 2G D PENDERGRASS MS Dir of Agr Serv 3H W DAVIS MS Ext Spec Veg 123R R RANTA PhD Assoc Ext Prof Dir of Pers 12M E FOGLEMAN PhD Asst Prof Veg 23R W HENLEY PhD Asst Ext Prof Flor and Ornam 12D E KNAVEL PhD Asst Prof Vea

2A M LASHEEN PhD Assoc Prof Plant Physiol

12R G LOCKARD PhD Assoc Prof Fruit Veterinary Science
123JAH DRUDGU DVM ScD Prof Parasitol Dept Chmn 4315 2J T BRYANS PhD Prof Microbiol 12M W CROWE DVM Asst Vet and Lect 2D C MARTIN PhD Assoc Prof Hort Proc 3C R ROBERTS PhD Assoc Ext Prof Vea 3D E LABORE DVM Assoc Ext Prof Ext Vet 3G W SCHNEIDER PhD Prof Fruits 2R G LOY PhD Asst Prof Reprod 3R A SHEPHARD MS Res Devlpmt Spec (PO Quicksond) 2E T LYONS PhD Asst Prof Parasitol 12L PSTOLTZ FhD Asst Prof Flor and Ornam 2W H MCCOLLUM PhD Prof Microbiol 12M E PRICKETT PhD Asst Prof Path 4255 Junior Clubs 2H D STOWE DVM PhD Assoc Prof Nutr 3J M MACKLIN PhD Assoc Prof Chmn of 4-H Clubs 2J C WILSON MS Res Spec Virol 3FRED BROCKMAN MS Ext Spec Educ 3W E WISE DVM Asst Ext Prof Ext Vet 3J C FELTNER MS Prog Spec Educ 3J H HELLER MS Ext Spec Educ 3HELEN HORTON MS Prog Spec Educ 4320 Substations 4260 Robinson Substation PO Quicksand Plant Pathology 123R A CHAPMAN PhD Prof Dept Chmn 23G A ARMSTRONG BS Supt 3W M BROWN PhD Asst Ext Prof Fundal Dis Western Ky Substation PO Princeton 12STEPHEN DIACHUN PhD Prof Plant Virol 2P P APPEL BS Supt 12R E HAMPTON PhD Assoc Prof Physiol of Plant Dis 2J W HENDRIX PhD Assoc Prof Physiol of Plant Dis 2LAWRENCE HENSON MS Assoc Prof Forage Legume Kentucky State College, Frankfort 40601 Dis 5C C LITTON MS Res Spec (Adjunct Series) Asst 1College Staff Genet of Tobacco Dis 123J W OSWALD PhD Prof Virol Cereal Dis 2T P PIRONE PhD Assoc Prof Virol 4330 2M R SEIGEL PhD Assoc Prof Physiol Plant Dis 1C M HILL PhD Pres of Col (502-223-2341) 2J G SHAW PhD Assoc Prof Virol 1D H BRADFORD PhD Dean of Col (502-223-2052) 2G W STOKES PhD Prof Genet of Tobacco Dis 1E W MORRIS EdD Registrar of C ol (502-223-2343) 2H E WHEELER PhD Prof Fungal Dis 2C Y YANG PhD Asst Prof Physiol Plant Dis 1L E ALEXANDER PhD Prof Riol and Head of Dept Public Information and Educational Aids 4280 1J B BBOWN MA Assoc Prof Chem 1Mrs ORA M CHEANEY MS Asst Prof Home Econ 23J R RUSSELL AB Dept Chmn 3F B BORRIES Jr MS Ext Spec Press 1W L DIXON MA Assoc Prof Biol 3M BLANCHE BUSHONG AB Ext Spec Press IW J FLEMING PhD Assoc Prof Biol

4290

1Mrs EMILIE SHIGH MA Asst Prof Teacher Trainer

1P J MANLY MA Assoc Prof of Acr (2-yr Prod)
1E D RAINES PhD Prof and Head of Dept of Chem
1Mrs GERTRUDE L RIDGEL PhD Prof Biol

and Acta Head of Dept of Home Econ

1A L SURRATT MS Asst Prof Agr (2-yr Prog)

1RUTH KING MS Instr Cloth

1C A SMITH PhD Asst Prof Chem

66

Regulatory Services

2J G DUNCAN MS Assoc Prof Ed Pub

3J B WILLIAMS MS Ext Spec Vis Aids

3R L REES MEd Ext Spec Radio TV

3J A SMITH PhD Prof Ed Pub

2A B POUNDSTONE MS Dir

LOUISIANA

The Louisiana State University and Agricultural and Mechanical College, the Agricultural Experiment Station, and the Agricultural Extension Service, University Station. Baton Rouge 70803

1College Staff 2Station Staff 3Extension Staff 4Leave of Apsence 5Coop USDA 6Other Govt Agency

4340

1J A HUNTER PhD Pres of Univ Syst

1C G TAYLOR PhD Chanc of Main Campus 1.J N EFFERSON PhD Dean of Col of Agr

(504-388-4161)

1R H HANCHEY PhD Assoc Dean of Col of Agr and Dir of Resident Instr (504-388-2065)

2DOYLE CHAMBERS PnD Dir of Sta (504-388-4181) 3J A COX MS Dir of Agr and Home Econ Ext

(504-388-4141)

2J J MIKELL PhD Assoc Dir of Sta

3C E KEMMERLY Jr MS Assoc Dir of Agr and Home Econ Ext

3D II SPURLOCK MS Asst Dir Bus and Pers

3N E THAMES MS Asst Dir of Acr and Home Econ Ext Prog

10 M COCO BS Comptroller

12W H WILLIS PhD Prof Soil Microbiol and Head of Dept 2W P BONNER BS Assoc Soil Test

2G L BOWDEN BS Assoc Breeder Cotton

2R H BRUPBACHER Jr MS Asst Prof Soil Test

3T A BURCH MS Assoc Spec Cotton 12A G CALDWELL PhD Prof Soil Chem

2C R CHANEY BS Assoc Forage Crops

30 D CURTIS MS Assoc Spec Soils

2R D DELAUNE BS Assoc Soil Res 12D P DUNIGAN PhD Asst Prof Soils

Assoc Prof Soil Fert 21. E GOLDEN PhD 12M T HENDERSON PhD Prof Genet and Rice Brdg

3L C HILL MS Spec Rice

12B J HOFF PhD Asst Prof Rice 12J E JONES PhD Prof Brdg Cotton

2W W KULPATRICK BS Assoc Soil Surv

3D T LOUPE PhD Spec Sugarcane

2S A LYTLE BS Assoc Prof Soil Surv

2L F MASON MS Assoc Prof Brdg Corn

3L L McCORMICK PhD Assoc Spec Chem Weed

1R L MILLER PhD Assoc Prof Field Crops

2C L MONDART Jr PhD Assoc Prof Forage Crops

3W E MONROEMS Spec Proj Ldr Pasture Com

2B E NEWMAN MS Asst Prof Soil Fert

2A L NUGENT MS Asst Prof Soil Test

2C R OWEN MS Assoc Prof Brdg Forage Crops

12W H PATRICK Jr PhD Prof Soil Phys

12W J PEEVY PhD Prof Soil Fert

2RAY RICAUD PhD Asst Prof Soil Fert Sugarcane

12J E SEDBERRY Jr PhD Prof Soil Chem

2F W SELF MS Assoc Prof Brdg Cotton

2C G SHEPHERD PhD Assoc Prof Brdg Soybeans and Oats

2G W STRINGFIELD BS Assoc Com

2K W TIPTON MS Asst Prof Brdq Cotton

2FRED TURNER BS Assoc Soil Phys

4360 Animal Science

12G L ROBERTSON PhD Prof Physiol and Head of Dept 2R K BERRY PhD Assoc Radio Isotopes

2L P BERTRAND Assoc Prof Genet

12R F BOULWARE PhD Assoc Prof Genet

3A D FITZGERALD MS Spec Swine

12S H FOWLER PhD Prof Physiol

2J M HARTLEY Jr BS Assoc Radio Isotopes

3D L JOMES Livestock Prod and Mkta 12R H KLETT MS Asst Prof Anim Nutr

12S E McCRAINE MS Prof Horses

3C O McKERLEY MS Assoc Spec Horses

2T O McRAE BS Assoc Beef Cattle Brdg

12A M MULLINS PhD Prof Meats

Animal Science-Continued

3A P PARHAM MS Spec Prof Ldr Beef Cattle

2Mrs BILLIE A PAUL AA Assuc Meats

2R A SAMFORD BS Assoc Anim Nutr

2V B SCOTT BS Assoc Nutr

2C B SINGLETARY MS Assoc Prof Beef Cattle (PO Clinton)

2EDWARD SPILLMAN BS Assoc Horses

3J S SULLIVAN Jr PhP Assoc Spec Livestock Testina 12D M THRASHER PhD Prof Anim Nutr

12J W TURNER PhD Assoc Prof Brda and Statis 12C K VINCENT MS Asst Prof Physiol

3CARROL WILSON PhD Assoc Spec Anim Husb (4-H)
2A F YOUNG MS Assoc Anim Nutr

Botany and Plant Pathology

4380

12S J P CHILTON PhD Prof Plant Path and Chmn of Dept and Head of Plant Path Res

2LOUIS ANZALONE Jr PhD Assoc Prof Sugarcane Varieties

12J B BAKER PhD Prof Physiol Weeds

5W B BIRCHFIELD PhD Nematol

2PEGGY M BISHOP BS Assoc Cotton

12L L BLACK PhD Asst Prof Plant Path 1C A BROWN PhD Prof Taxon Ecol

1BEATRICE B EXNER PhD Assoc Prof Bot and Anat

12I L FORBES PhD Prof Dis Sugarcane

2M J GIMALVA PhD Assoc Prof Sugarcane Varieties
2G E HOLCOMB PhD Asst Prof Dis of Ornam Plants

2J P HOLLIS PhD Assoc Prof Nematol

2N L HORN PhD Assoc Prof Fungus and Virus Veg Crops

45H A LAMEY PhD Plant Path Virus Rice

1 W J LEMBECK PhD Asst Prof Bot and Biol 2G D LINDBERG PhD Assoc Prof Fungus Rice

1BERNARD LOWY PhD Prof Mycol

2W J MARTIN PhD Prof Virus and Fungus Sweetpotatoes

3R E MOTSINGER PhD Assoc Spec Proj Ldr Plant Path

12W C NORMAND PhD Asst Prof Physiol Sugarcane

2E D PALIATSEAS PhD Assoc Prof Brdg Suggregne

2J A PINCKARD PhD Assoc Prof Fungus Cotton

2T V RIZK PhD Assoc Cotton

2P L ROGERS PhD Asst Prof Physiol Weeds

1C A SCHEXNAYDER PhD Assoc Prof Bot and Biol

2F. R STAMPER MS Assoc Prof Weeds Sugarcane

124L C STANDIFER PhD Assoc Prof Physiol Weeds Cotton

2R J STEIB PhD Prof Virus and Fungus Sugarcane

2T O WARE BA Assoc Cotton Dis

Cotton Fiber Laboratory

4385

2WILBUR AGUILLARD MS Instr Supvr of Lab 2Mrs RITA M GRAHAM Assoc Fiber Tech

4390 12J B FRYE Jr PhD Prof Prod and Head of Dept

3H W ANDERSON PhD Spec Proj Ldr Brdg

2J F BEATTY BS Assoc Physiol

2CECIL BRANTON PhD Prof Brdg and Genet

3G W COOPER Spec Dairy Mat

2D L EVANS MS Instr Brdg and Genet

1J H GHOLSON PhD Prof Tech

12J C GLENN PhD Asst Prof Dairy Mat 3BUCK GREEN PhD Assoc Spec Prod

2L D GUTHRIE MS Assoc Anim Nutr

1H C KELLGREN MS Asst Prof Brda Artificial 3B L KILPATRICK MS Assoc Spec (4-H) 3N J MATHERNE PhD Spec DHIA

12T E PATRICK PhD Prof Brda and Physiol

12J D ROUSSEL PhD Assoc Prof Physiol

12L L RUSOFF PhD Prof Nutr

1J M TAYLOR PC Assoc Dairy Prod 2W H WATERS BS Assoc Mat

Economics (Agr) and Agribusiness 12F H WIEGMANN PhD Prof Farm Mat and Policy and Head of Dept

4400-4450 LOUISIANA

Economics (Agr) and Agribusiness—Continued	Engineering (Agr)—Continued	
12W H ALEXANDER PhD Prof Dairy Mkta	5C E CARTER BS Agr Engin and Hydraulics	
5BILL BOLTON MS Agr Econ Farm Mgt Prod Econ	12W H CARTER MS Prof Power and Mach	
12J R CAMPBELL PhD Prof Farm Mat	12J L CHESSNESS PhD Assoc Prof Soil and Water	
3L A CARVILLE MS Assoc Proj Ldr Farm Mat 2F L CORTY MS Spec Proj Ldr Econ	2B J COCHRAN MS Asst Prof Mech	
3W D CURTIS MS Spec Proj Ldr Econ	5C P ELKINS MS Soil Res Sci Asst Proj Ldr 2MOSTAFA ESPHAHANI BS Assoc Soil and Water	
3N R DRY MS Spec Proj Ldr Res Devlomt	3W A HADDEN BS Asst Spec Irrig and Mach	
12L L FIELDER PhD Prof Price and Statis	5Mrs RUTH A HAMILTON BS Phys Sci Tech	
2T H FOSTER MS Instr Fruit and Vea Mkta	12M M MAYEUX MS Prof Power and Mach	
5A R GERLOW MS Agr Econ Farm Mat	2T J NISSING BS Asst Prof Farm Bldgs	
2G G GIESLER BS Instr Mkta and Prod Econ	5J F PARR PhD Prof Soil Microbiol	
3J D GOODWIN Assoc Spec 3R M GRIGSBY DPA Spec Proj Ldr Mktg	12W D POOLE MS Prof Mach and Crop Proc	
2L J GUEDRY MS Asst Prof Resource Devlomt	2G R RAY BSAgr Instr Agr Engin Power and Mach	
5ARTHUR HEAGLER MS Prod Econ	3C E SEVERANCE MS Spec Proj Ldr Mach	
2R C HODSON Jr MS Instr Aar Finance	34J L SMILIE MS Spec Mach	
12J F HUDSON PhD Prof Cotton Mktg	5SAMMIF, SMITH Jr MS Soil Chem 3D R STIPE MS Assoc Spec Harvest and Storage Grain	
12D C HUFFMAN PhD Assoc Prof Form Mort	2M D SWANNER BS Asst Prof Erosion Control	
12R H JESSE MS Instr Mkta and Policy	12C H THOMAS MS Assoc Prof Power and Mach	
12J M LAW PhD Prof Fruit and Veq Mktq 2G B LOPIO MS Instr Farm Mat	5G H WILLIS PhD Soil Res Chem	
3H E McFATTER MS Spec Livestock Mktg	12F T WRATTEN MS Prof Elec Power and Proc	
12G E MURRA PhD Assoc Prof Livestock Mktg		
5J B PENN MS Prod Econ	Entomology 4435	
2F J RAFELD MS Asst Prof Form Mat	12L D NEWSOM PhD Prof and Head of Dept	
12E P ROY PhD Prof Coops and Poultry Mkta Aar Bus	3J L BAGENT MS Ext Asst 12H B BOUDREAUX PhD Prof Ent Ins Pests	
3C J ST CLERGY PhD Public Affairs 12G D SULLIVAN PhD Assoc Prof Agr Finance and	5M L BURKS Jr BA Chem	
Policy Assoc Prof Agr Finance and	12E C BURNS PhD Prof Ins Pests	
12H D TRAYLOP PhD Prof Grain Mktg Agr Bus	3E A CANCIENNE BS Assoc Spec Proj Ldr	
12F H TYNER Jr PhD Asst Prof Agr Policy	2Mrs JOAN B CHAPIN MS Assoc Taxon	
2P L WIGGINS MS Instr Farm Supply Indus	12D F CLOWER PhD Prof Ins Pests	
3ELIZABETH WILLIAMS MS Spec Proj Ldr Consum	2E J CONCIENNE BS Instr Ent (PO Centerville)	
'Educ	5N W EARLE PhD Ent Physiol	
12W F WOOLF PhD Assoc Prof Form Mgt and Prod Econ	2E H FLOYD MS Prof Ins Pests	
E 10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	5J R GIFFORD MS Prof Rice Ins 12J B GRAVES PhD Assoc Prof Ent Physiol	
Editorial and Publicity 4410 23C W PRICE MA Spec Proj Ldr Ed	2A M HAMMOND PhD Asst Prof Ent Physiol	
3BERT ARDOIN BA Asst Spec Ed	12S D HENSLEY PhD Assoc Prof Ins Pests	
3T C BOYD Jr Asst Spec Civ Def	3J W IMPSON Ext Asst Pesticides Safety	
3D W DARDEN BA Asst Spec Ed	2E J KANTACK PhD Prof Ins Pests	
2D E DIDIER BA Asst Ed	5N M KAUFFELD PhD Inv Ldr Bee Brdg	
2L V GEORGE BS Ed	2E G KING MS Assoc Ent Res	
3J L LEINHARDT Asst Spec Ed	5T LEHNERT BS Bee Brdq 5OTTO MACKENSEN PhD Apic	
3P H MASSEY BA Asst Spec Civ Def	5W C NETTLES PhD Ent Physiol	
3Mrs EDYTHE A McLEAN BA Asst Spec Bul 3A V PATTERSON Jr MS Spec Vis Aids	5R A NIELSEN MS Bee Brdg	
23F B THOMPSON Asst Spec Ed Artist	12A D OLIVER Jr PhD Assoc Prof For Ins Pests	
3Mrs RUTH F THOMPSON BS Asst Spec Artist	5Mrs IRADIA O PADOVANI BS Res Tech	
	2C G RICHARDSON BS Assoc	
Education (Vocat) 4420	1J H ROBERTS PhD Prof Taxon 5W C ROBERTS PhD Bee Stock Invest Ldr	
1C L MONDART Sr PhD Prof and Head of Agr Educ and	12L H ROLSTON PhD Prof Truck Crop	
Dir of Sch of Vocat Educ	12J S ROUSSEL PhD Prof Ins Pests	
1N A HAUER PhD Prof and Head of Dept of Indus and	2W T SPINK PhD Prof Structural Pests	
Tech Educ  1J C ATHERTON EdD Prof Agr Educ	2C D STEELMAN PhD Assoc Prof Livestock Pests	
1L A BBAUD MS Assoc Prof Trade and Indus Educ	5K W TUCKER BS Apic	
1C M CURTIS PhD Assoc Prof Agr Educ	3J S TYNES PhD Assoc Spec	
1L H DOBBINS MS Instr Vocat Agr Educ	2J R WALKER PhD Assoc Prof Ins Pests and Asst to	
1D D GAMBLE MS Asst Prof Agr Educ	Vice Pres for Inst and Res	
1K W HANCHEY MS Instr Vocat Agr Educ	5J L WILLIAMS MS Bee Brdg 2B H WILSON PhD Assoc Prof Livestock Ins Pests	
1L W HARFELL MS Assoc Prof Indus and Tech Educ	2Mrs MAXINE WILSON Assoc Ins Cult	
1A M HOOVER Jr Asst Prof Indus and Tech Educ 1J H HUTCHINSON PhD Assoc Prof Aar Educ	Zinz in Mile will coll Tibos in out	
1Mrs THELMA LEONARD PhD Prof Vocat Home Econ	Experiment Station Administration 4440	
1Mrs KATHRYN MACKENSEN MS Assoc Prof Vocat	2DOYLE CHAMBERS PhD Dir	
Home Econ	2J J MIKELL PhD Assoc Dir	
1J G McMURRY PhD Asst Prof Indus Educ	2T E GLAZE PhD Asst to Dir Fiscal	
1P V ROUGON MS Assoc Prof Indus Arts	12J S P.OUSSEL PhD Asst to Dir and Coord Cotton Res	
1E G SMITH MS Assoc Prof Indus Arts	Experimental Statistics 4445	
IMPS RUTH SYLVEST MS Asst Prof Vocat Home Econ	12B R FARTHING PhD Prof Statis and Head of Dept	
1W R YOUNGER MS Asst Prof Indus and Tech Ed	12K L KOONCE PhD Asst Prof Statis	
	12P E SCHILLING PhD Asst Prof Statis	
	2J R STEELE BS Assoc Statis	
Engineering (Agr) 4430 12H T BARR MS Prof Farm Bldgs and Mech and Head		
of Dept	Extension Administration 4450	
2F E BAKER BS Instr Sugarcane Mach	3J A COX MS Dir	
12H J BRAUD Jr PhD Assoc Prof Farm Bldgs and Soil	3C E KEMMERLY Jr MS Assoc Dir of Agr and Home	
and Water	Econ Ext	

4450-4510 LOUISIANA

Extension Administration—Continued
3D H SPURLOCK MS Asst Dir Bus and Pers

3N E THAMES MS Asst Dir Prog

### Extension Supervision

3D L BORNMAN Jr MS Southeast Dist Agt

3R R BROWN MS Dist Prog Spec

3R J COURTNEY MS Assoc State Agt

3W A DOWNS Asst North Dist

13F. W GASSIE PhD Spec and Prof Agr Educ

3Mrs ADA W HANCHEY MA Dist Prog Spec

3E E HODGKINS MS Assoc Dist Prog Spec 13J H JONES Jr PhD Prog Anal and Prof Sociol

3C W KENNEDY MS Assoc State Agt and Mar Livestock Shows

3A G KILLGORE MS State Agt Agr

3J A LAMENDOLA MS Dist Prog Spec

3E R McCRORY MS Central Southwest Dist Aat 3R R PERRY Jr BS Ext Asst

3RUPERT PERRY MA State Agt Home Econ

134L L PESSON PhD Spec and Prof Agr Educ 3Mrs VALMAE ROBERTSON MS Dist Prog Spec

3Mrs GEORGIA D SANDERS MS Asst Prog Spec

3A C SMITH Sr BS North Dist Agt

3Mrs ROGENIA G TROTTER MS Dist Prog Spec

### 4-H CLUB WORK

3C S SHIRLEY MS State Club Agt

3M A EDMOND BS Asst State Club Agt (PO Southern Univ)

3J P DUKE MS Ext Asst

3BRUCE FLINT MS Assoc Dist Prog Spec

3K W HATHORN MS Assoc State Club Agt

3C J NAQUIN PhD Dist Prog Spec

3Mrs NORMA O ROBERTS MS Asst State Club Aqt

3A O WILLIAMS MS Asst State Club Agt

## Fertilizer and Feedstuffs Laboratory

2E A EPPS Jr MS Prof Agr Chem and Head of Dept

2H C AUSTIN Jr BS Asst Prof Agr Chem

2FRANCES L BONNER MS Assoc Prof Agr Chem

2R P COWART Jr MS Asst Prof Agr Chem

2A H HALLAB PhD Instr Agr Chem

2A T HARRELL MS Assoc Prof Agr Chem

2JANE M HOTARD BS Assoc Fert Chemist

2Mrs ROSAMOND L KILLEBREW MS Assoc Agr Chem

2J G KOWALCZUK MS Asst Prof Agr Chem 2J B McDEVITT Jr MS Asst Prof Agr Chem

2J W TORBERT BS Asst Prof Agr Chem

2Mrs JOYCE W TRUITT BS Assoc Agr Chem

2S I VARNADO BS Instr Agr Chem

## Food Science and Technology

124A F NOVAK PhD Prof Biochem and Microbiol and Head of Dept

12R M GRODNER PhD Assoc Prof Enzymes

12F H HOSKINS PhD Asst Prof Synthetic Foods

12W H JAMES PhD Prof Nutr Chem

2Mrs FAY B JOHNSON BS Assoc Anal

12J A LIUZZO PhD Assoc Prof Metabolism

12R T LOVELL PhD Assoc Prof Preserv

12M R RAMACHANDRA PhD Asst Prof Food Sci and Tech

#### 4490 Forestry and Wildlife Management, School of

12P Y BURNS PhD Prof and Dir of Sch of For and Wildlife Mat

12J W AVAULT Jr MS Asst Prof Fishery 12B A BATEMAN PhD Prof For

2B H BOX MF Assoc Prof Silvic

6R A CHABRECK MS Asst Ldr La Coop Wildlife Res

12E T CHOONG PhD Asst Prof Wood Util

12A B CROW MF Prof Silvic 12D D CULLEY Jr MS Asst Prof Fisheries

3J H DAVIDSON Asst Act For 12L D de le BRETONNE BS Instr Fisheries Res

2P J FOGG PhD Instr Genet 3R R FOIL PhD Asst Prof For

## Forestry and Wildlife Management, School of-Continued

124L L GLASGOW PhD Prof Dendrol and Wildlife Mat

12THOMAS HANSBROUGH PhD Assoc Prof Ecol

6W H HERKE MS La Coop Fishery Unit USDI

6ANATOL KASZKURFWICZ MF La For Comn

2T D KEISTER PhD Asst Prof For Mat

12N E LINNARTZ PhD Prof Soils

3W A LOE Asst Agt For

4460

12W ELOOS PhD Assoc Prof For 12C B MAPLIN MF Asst Prof Econ 12F W MARTIN PhD Assoc Prof Wildlife Mat 12R W McDERMID MF Prof Mat

3A S McKEAN MF Spec For

12R E MURRY MS/GM Asst Prof Wildlife Mat

6J D NEWSOM MS Game Mat and Ldr La Coop Wildlife Res Unit USDI

6J C TASH PhD Ldr La Coop Fishery Unit

### Home Economics, School of

4500

12ALMA B CLARK PhD Prof and Dir of Sch 1BETH ANDREWS MA Asst Prof Indus Mat IEUGENIA P BRANSCOMB BS Instr Child Devlpmt

Mrs BERTHA S BRYSON MS Spec Project Ldr Housing 1ELIZABETH ELBERT PhD Assoc Prof Foods and

12CAROL L ENGERBRETSON PhD Assoc Prof Home Mat

1Mrs MARY ANN Z FERRELL MS Instr Cloth and Text

12ETTA L FINLEY MA Assoc Prof Text 3Mrs VERNA D GUILLORY MS Assoc Spec Home Mgt

3Mrs CELIA S HISSONG MS Spec Proi Ldr Home Mat

3BETTY J HODGKINS MS Assoc Spec Cloth

1Mrs DOROTHY C HOWELL MS Asst Prof Foods 12Miss ELEANOR A KELLEY PhD Assoc Prof Text

2Mrs HELEN M LAW MS Spec Lect Foods and Nutr 12HARVEY F LEWIS PhD Prof Food and Nutr

3Mrs GANATA N LOVELL Form Life

1Mrs LAUREAME C McBRYDE MS Asst Prof Cloth

12Mrs NEVA F OLSEN MS Asst Prof Text

12Mrs LORRAINE H PHILLIPS MS Asst Prof Text

3FAE ROARK MS Spec Cloth

1Mrs KATHRYN L SHFLTON MS Asst Prof Food and Nutr

10NA SMITH MA Assoc Prof Foods

3Mrs ALICE T TEDDLIE MS Assoc Spec Proi Ldr Fam Life

3HELEN TOMB BS Assoc Spec Nutr

3Mrs IRENE M TURNER MS Spec Proj Ldr Nutr

1Mrs KATHRYN W WATTS MS Asst Prof Home Mat 12S P YANG PhD Prof Nutr Foods

**Horticulture** 

12D W NEWSOM PhD Prof Physiol and Head of Dept

12E P BARRIOS PhD Assoc Prof Veg Crops and Brdg 2J R BARRY PhD Assoc Prof Physiol (PO Chase)

2C S BLACKWELL MS Asst Prof Ornam

2H M EPFWER BS Assoc Res Greenhouse Mgt

12MILO BURNHAM PhD Asst Prof Cytogenet

2R J CONSTANTIN PhD Asst Prof Proc 2W W ETZEL PhD Asst Prof Veg Crops (PO Chase)

12J F FONTENOT PhD Assoc Prof Veg Crops and Physiol

12R H HANCHEY PhD Prof Flor and Ornam

12P L HAWTHORNE MS Prof Pomol

12TEME P HERNANDEZ PhD Prof Brdg

2TRAVIS P HERNANDEZ PhD Assoc Prof Brdg (PO Chase)

12L G JONES PhD Prof Physiol and Nutr

12J E LOVE PhD Assoc Prof Post Harvest Physiol and Radiation Biol

34W A MEADOWS MS Assoc Spec Pomol

3JOSEPH MONTELARO MS Spec Proj Ldr Veq 3A C MOREAU MS Spec Veg Crops

34N G ODENWALD MS Assoc Spec Landsc 12E N O'ROURKE PhD Prof Pomol

3T E POPE PhD Area Agt Flor Cult Arch and Plant Physiol

12R J SHAW PhD Asst Prof Flor Cult and Plant Physiol

12R J STADTHERR PhD Assoc Prof Ornam

3B W WASCOM MS Instr Veg Crops

4510-4590 LOUISIANA

3W C WELCH Asst Ornam Hort Landsc Arch

12W A YOUNG PhD Assoc Spec Fruit and Veg Crops

Horticulture-Continued

2J P BLANCHARD Assoc Dairy 2T M DeROUEN MS Assoc Prof Brdg Landscape Architecture 4512 2H C GONSOULIN BS Assoc Beef 12R S REICH PhD Landsc Design 5B F HOLLON PhD Dairy Husb 12Mrs ELENA S CUELLAR MLA Landsc Design 25N T POCHE' BS Assoc Beef
5W L REYNOLDS PhD Physiol 12D W EARLE Jr MLA Landsc Design North La Expt Sta (PO Calhoun) Microbiology 2R S WOODWARD MS Prof Hort and Supt 1M D SOCOLOFSKY PhD Asst Prof Physiol and Head 2A V DAVIS PhD Assoc Prof Dairy 1A R COLMER PhD Prof Microbiol 2A C GOODLING MS Asst Prof Poultry 2Mrs PEGGY K DAVIDSON BS Assoc Microbiol 2A C MILLER MS Asst Prof Veg 2J C TAYLOR MS Assoc Prof Veg and Pomol 12A D LARSON PhD Prof Physiol 12V R SRINIVASAN PhD Assoc Prof Microbiol North La Hill Farm Expt Sta (PO Homer) 2D M JOHNS MS Prof Crop Prod and Supt 2J R BROWN MS Assoc Soils 4520 Poultry 12A B WATTS PhD Prof Nutr and Head of Dept 2M M EICHHORN Jr PhD Assoc Prot Soil Chem 2C B BREIDENSTEIN MS Assoc Physiol 2H D GRYDER BS Assoc Dairy 2W N PHILPOT PhD Assoc Prof Dairy Prod 2Mrs GAYLE K DAIGLE BS Assoc Lab Tech Zool 2R F DAVENPORT MS Assoc Nutr 2C E PUGH MS Instr Soils 12B H DAVIS PhD Assoc Prof Prod Tech Northeast La Expt Sta (PO St Joseph) 12MELVIN GRIFFITH PhD Assoc Prof Nutr 2J A HENDRIX MS Prof Agron and Supt 3H E HATHAWAY Phl Spec Proj Ldr 2J C CARPENTER Jr MS Assoc Prof Beef 12W A JOHNSON PhD Prof Genet and Brdg 2A J FAIRBANKS BS Assoc 2W F McKNIGHT MS Assoc Nutr 2R N FLINT MS Asst Prof Agron 2A J OLINDE MS Instr Prod and Mat 3C W POPE PhD Spec Mktq 2S A PHILLIPS MS Assoc Prof Soils (PO Winnsboro)
2L W SLOANE MS Assoc Prof Agron 12R A TEEKELL PhD Prof Physiol Plaquemines Parish Expt Sta (PO Port Sulphur) 12B A TOWER MS Assoc Prof Mat 2R T BROWN MS Prof Pomol and Supt 2A J ADAMS MS Assoc Prof Veg 2F B SCHMITZ MS Assoc Prof Ornam Red River Valley Expt Sta (PO Bossier City) 12W J JOKINUN PhD Assoc Prof and Chmn of Dept 12A L BEFTRAND PhD Prof and Coord of Rural Social Res 2J Y OAKES MS Prof Agron and Supt 12W D HEFFERMAN MS Asst Prof Rural Social and 2W D CALDWELL MS Instr Agr and Cotton Brdr 2J W KNOX MS Asst Prof Beef Complex Organ 2D R MELVILLE MS Assoc Prof Agron 2P F HERNANDEZ PhD Asst Prof Rural Social Field 2J L RABB MS Instr Agron 2L D WILLIS Jr BS Assoc Agr 3K A KOCH MS Assoc Spec Proj Ldr Rice Expt Sta (PO Crowley) 3WAYNF ROBICHAUX PhD Spec Proi Ldr 2H R CAFFEY PhD Prof Plant Brdg and Supt 2J H DAVIS PhD Assoc Prof Forage Crops 2W C FAULK BS Assoc Agron 4540 Sugarcane Work 2E C SIMON MS Prof Prod and Head of Sugar Sta 2M D FAULKNER MS Assoc Prof Agr Engin 2T J STAFFORD PhD Assoc Prof Prod 2C S HENRY Assoc Agron 5N E JODON MS Agron Brdg Veterinary Science 4550 2W O McILRATH PhD Asst Prof Agron 12R B LANK DVM MS Prof Clin Med and Acta Head 2M F MILLER MS Instr Agr Engin 2W V ADAMS Jr MS Instr Microbiol 2F J PETERSON MS Asst Prof Soils 2B W BLAKEWOOD DVM Path Joint Employ La Dept 2E A SONNIER BA Instr Agron of Agr (PO Lecompte) 2G J TRAHAN MS Instr Agron 2H E DAVIS DVM Instr Immunol 2EMMETT WILSON BS Instr Agron 2G T DIMOPOULLOS PhD Prof Microbiol 2T W WHITE PhD Asst Prof Anim Nutr 12J M DIXON DVM MS Prof Avian Path 2L E FOOTE DVM MS Prof Path 2J F. WIMBERLEY MS Assoc Prof Aar Engin Southeast La Expt Sta (PO Franklinton) 2H D ELLZEY MS Prof Agron and Supt 2MARVIN ALLEN MS Asst Prof Forage Crops 2Mrs BETTY J GREER MT Assoc Immunol 2P J HENDERSON BS Assoc Anim Husb 2C R MONTGOMERY BS Assoc Res 2B D NELSON MS Asst Prof Dairy Sci West La Expt Sta (PO DeRidder) 2W R HUTCHINSON Jr BS Assoc Hist Path 12HELEN E LEVY BS Instr Microbiol 12R B MYERS DVM Assoc Prof Clin Med 2C B ROARK MS Prof Agron and Supt
2J I FEAZEL MS Asst Prof Beef
2H E HARRIS MS Assoc Prof Soils and Forage Crops 3S S NICHOLSON PhD Assoc Spec 2E E ROTH DVM MS Prof Vet Microbiol 2RITA MAE SANCHEZ BS Assoc 2G E SANFORD BA Assoc Parasitol 2C L SEGER DVMMS Prof Histol Path 2W T SPRINGER PhD Assoc Prof Avian Path Southern University and Agricultural and Mechanical 2L B WAYMACK MS Instr Anim Husb Large Anim College, Southern Branch Post Office, Baton Rouge 70813 2Mrs MARY A WAYMACK Assoc Vet Sci 24J C WILLIAMS MS Instr Parasitol 1College Staff 2Station Staff 4580 **Branch Stations** 4590 Dean Lee Aar Center Expt Sta Rt 2 Alexandria 1F G CLARK PhD Pres of Univ Syst 12W A NIPPER MS Assoc Prof Beef Cattle and Supt 1E C HARRISON PhD Vice Pres for Academic Affairs 2C R LONG MS Instr Anim Sci 1G L NETTERVILLE MS LLD Vice Pres for Bus 2J G MARSHALL MS Asst Prof Field Crops 1B A LITTLE MS Comptroller 1HEZEKIAH JACKSON PhD Dean of Col of Agr and 2J E PONTIFF MS Asst Prof Anim Sci Fruit and Truck Expt Sta (PO Hammond) Dir Agr and Home Econ Res (504-775-6300 Ext 246)

1 PINKIE E THRIFT MS Dean of Col of Home Econ and 2W F WILSON Jr MS Prof Veg and Pomol and Supt 24W L BROWN MS Asst Prof Ornam Assoc Dir Agr and Home Econ Res 2W A POILLION MS Asst Prof Veg and Pomol

Branch Stations-Continued

Iberia Livestock Expt Sta (PO Jeanerette)

5D C MEYERHOEFFER MS Brdg and Supt

Agronomy (Crops and Soils) MAINE 12McKINLEY MAYES PhD Prof Agron Supt Lab Farm College of Life Sciences and Agriculture, the Agriculand Head of Dept tural Experiment Station, and the Cooperative Extension 12S O THOMPSON PhD Asst Prof Soil Sci Service of the University of Maine, Orono 04473 4592 Animal Science 1 College Staff 2Station Staff 3Extension Staff 12G E ROBINSON PhD Prof Anim Sci and Head of Dept 4Leave of Absence 5Coop USDA 12C T RABY DVM Asst Prof Anim Sci Dairy Science 4593 1E R BRANTLEY MS Asst Prof Dairy Husb and Head of 4630 Dept 123W C LIBBY MS Acta Pres and Vice Pres of Univ Serv (207-866-7477) 12B R POULTON PhD Dean of Col (207-866-7207) Economics (Agr) 4594 2G F DOW PhD Dir of Sta (207-866-7344) 1F. C. LUCAS MS. Asst Prof Agr Econ and Head of Dept 3E H BATES MS Dir Ext (207-866-7200) 1R H BRIDGES PhD Prof Agr and Coord Grad Prog 12S L FREEMAN EdD Coord Res Support and Fed Relat 12H W GORDON AB Treas 4595 2E H PIPER MS Asst to Dir 1E C WRIGHTMS Asst Prof and Head of Dept IW E PULLEN PhD Assoc Dean 4599 Home Economics Animal and Veterinary Sciences 4640 1PINKIE E THRIFT MS Dean and Prof Fam Relat and 123S D MUSGRAVE PhD Head and Prof Anim Nutr Household Equip 12W P APGAR PhD Assoc Prof Anim Nutr 1Mrs K PADMA UMAPATHY PhD Asst Prof Nutr 12F H BIRD PhD Prof Poultry Nutr IMrs NAOMI P HUNTER MS Asst Prof Home Mat 12D L BLAMBERG PhD Asst Prof Poultry Nutr 12H H BRUGMAN PhD Assoc Prof Beef Resident 23H L CHUTE DVM Prof Poultry Path 1Mrs ROBERTA H JACKSON EdD Prof Child Devipmt 12LORNE COCK PhD Asst Prof Anim Nutr and Coord of Grad Proa 12H C DICKEY PhD Prof Dairy 1FREDDIE L JOHNSON MS Asst Prof Foods 12R W GERRY PhD Prof Poultry 1Mrs EULA M MASINGALE MS Asst Prof Form Life 123MELVIN GERSHMAN MS Assoc Prof Poultry Path 1Mrs MARY JOTIS MS Asst Prof Cloth and Text 1Mrs VERDIR PASS BS Instr Foods 23J C GOATER Jr BS Asst Prof Livestock 23H G GRAY PhD Asst Prof Livestock
12P C HARRIS PhD Assoc Prof Avian Physiol IMrs HELEN POYDRAS MS Instr Food and Nutr 12W H HOOVER PhD Assoc Prof Anim Nutr 4600 12H A LEONARD MS Prof Dairy 1B T WHATLEY PhD Prof and Head of Dept 3N R NESS BS Ext Dairyman 2D C O'MEARA MS Assoc Prof Poultry Path 4602 Poultry Science 3LOUIS VAN DER HEIDE DVM Assoc Prof Poultry Path 1J H HOPE MS Asst Prof and Head of Dept 3H C WHELDEN Jr BS Poultry Spec 123J F WITTER DVM Prof Path The Department of Forestry, the Division of Research, the School of Agriculture and Forestry; the Department of 4660 **Bacteriology** Chemistry in the School of Arts and Sciences, Louisiana 12D B PRATT PhD Head Polytechnic Institute, Ruston 71270 12AR WHITEHILL PhD Prof 1College Staff 2Station Staff 1W M BAIN PhD Assoc Prof 1C E BUCK PhD Assoc Prof 4610 4670 Biochemistry 1F J TAYLOR PhD Pres of Col (318-257-3785) 12F H RADKE PhD Head and Prof 1VIRGIL ORR PhD Dean of Col (318-257-4262) 2P R BELYEA MS Asst Prof Chem 12H B BARKER PhD Dean of Sch of Aar and For 2J A BLEASE 3S Asst Chem (318-255-2612) 2H E BRADBURY MS Asst Prof Chem 1A C THIGPEN MS Dir Admin Affoirs (318-257-2235) 2W P COOK BS Asst Chem 1DOUGLAS JENKINS BS Comptroller (318-257-4325) 2G W CRAM BS Asst Chem Agricultural Engineering (Sch of Aar and For) 4614
12F E BECKETT PhD Prof Aar Engin Head of Dept and 12HERMAN DeHAAS PhD Assoc Prof 2A S GETCHELL MS Assoc Prof Chem
12R E KADUNCE PhD Lab Dir and Asst Prof Chem Dir of Div of Res 1JOSEPH LERNER PhD Asst Prof Chem 2E O MERRILL BS Assoc Prof Chem Agronomy and Horticulture (Sch of Agr and For) 2G E RAMSDELL MS Assoc Prof 12C G HOBGOOD MS Prof Agron For Soils and Head of 1C C WRATTEN PhD Asst Prof Chem Dept 12J A WRIGHT PhD Prof Hort Botany and Plant Pathology 4680 123G A McINTYRE PhD Head and Assoc Prof Potatoes Chemistry (Sch of Arts and Sci) 1P B MOSELEY PhD Assoc Prof Chem and Dir Div 12R J CAMPANA PhD Prof Bot For 12G R COOPER PhD Prof Bot Physiol of Res 2M T HILBORN PhD Prof Plant Path Pomol Blueberry

4626

2ROSEMARY B MILLER BS Grood Asst

12E R ANDRULOT MS Assoc Prof For Mqt

Policy and Coord of For Res 120 L FITZGERALD MF Assoc Prof For Util

12JOHN KUPRIONIS MF Assoc Prof Silvic

12L P BLACKWELL MF Prof For Head of Dept and ATR

12J E CAROTHERS PhD Assoc Prof For Econ and

12F F JEWELL PhD Assoc Prof For Path For Ent

12CAROLINE PADDOCK MLS Assoc Prof Libr Sci and

Forestry (Sch of Agr and For)

For Libr

McIntire-Stennis

Economics (Aar and Resource)

1R L HOMOLA PhD Asst Prof Bot

1C D RICHARDS PhD Prof Bot

1R VADAS PhD Asst Prof Bot

1B F NEUBAUER PhD Asst Prof Bot

5R J YOUNG PhD Collab USDA Potato

123H B METZGER PhD Head and Prof 3J B AIKEN EdD Com Devlpmt Spec

2F E MANZER PhD Prof Plant Path Potatoes
2R C McCRUM PhD Assoc Prof Plant Path Virol

71

4690

Economics (Agr and Resource)—Continued		Forest Resources—Continued	
34L E CLARK MS Agr Bus Spec		12F F GILBERT PhD Asst Prof Wildlife	
3V E DEARBORN BS Public Affairs Spec		12R H GRIFFIN PhD Prof Silvic	
12JOHANNES DELPHENDAHL PhD Assoc Prof		12A R HALE II MF Asst Prof Wood Technol	
Resources Devlpmt		12N P KUTSCHA PhD Asst Prof Wood Technol 1H L MENDALL MA Prof Game Mat	
124W C DUNHAM MS Assoc Prof Food Mktg		12R B OWEN PhD Asst Prof Wildlife	
12JOSEPH GRUETER PhD Asst Prof Resource De 12R K HARLAN PhD Assoc Prof	evipmt	13H A PLUMMER MF Assoc Prof	
13STEPHEN HYATT MA Asst Prof Rural Sociol		13H A PLUMMER MF Assoc Prof 1A G RANDALL MF Assoc Prof	
2E F JOHNSTON MS Assoc Prof Potato Handling		1V B RICHENS PhD Asst Prof Wildlife	
123F R KING PhD Agr Bus Mgt Spec		1W C ROBBINS MS Instr	
12R N KROFTA PhD Assoc Prof Farm Mgt		12S A SCHEMNITZ PhD Assoc Prof Wildlife	
5E S MICKA PhD Collab USDA Farm Mgt		12C E SCHOMAKER PhD Assoc Prof Nutr	
3F E MONTVILLE MS Ext Econ Resource Devlpr	nt	12J E SHOTTAFER PhD Assoc Prof Wood Technol	
23A L PERRY PhD Prof Potato Mktq		12J C WHITTAKER PhD Asst Prof Recreation 124H E YOUNG PhD Prof Mensuration	
12L A PLOCH PhD Prof Rural Sociol		12411 E 1 CONG PID PIOT Mensulation	
3F D REED BS Poultry Mktg Spec		Home Economics	760
IW E ROBINSON MS Assoc Prof Mktg		123MARGARET E THORNBURY PhD Head Prof Food	
12S E SHEHATA PhD Visiting Prof		Nutr	
3E F WAKELIN BA Dist Recreation Spec		12ANDREA BOURQUE MS Asst Prof Nutr	
12K E WING PhD Assoc Prof Poultry Mktg		2R A COOK BS Asst Nutr	
Editorial	4700	13DOROTHY B DALTON MS Admin Asst and Instr	
123H A KEYO BS Dir Public Inform and Public Serv		3NELLIE GUSHEE MS Nutr Spec	
123C F CONNORS Inform Spec		1HELEN LAFFERTY MS Instr Home Econ	
123R H KNIGHT BA Inform Spec		3SUSAN G LAKE MS Home Mgt Spec	
123D B TOLMAN Inform Spec		1KATHERINE A MILES PhD Prof Child Devlpmt 1Mrs SHIRLEY D OLIVER MEd Asst Prof	
123G E WILDEY MA Inform Spec TV		13F P RICE PhD Prof and Fam Life Spec	
_ (		123Mrs PEGGY SCHOMAKER PhD Asst Prof Nutr	
Engineering (Agr)	4710	1JAMES WATTS MS Asst Prof Design	
123NORMAN SMITH MS Head and Prof		ISUSAN E YOUNG BS Instr Inst Mgt	
12W R ELLIS BS Instr			
12G L GRAY BS Instr 3N D HALLEE MS Ext Engin			1770
12E R HUFF MS Asst Prof		123R A STRUCHTEMEYER PhD Head and Prof Soils	
2J H HUNTER MS Assoc Prof Potato Handling		13D A ABDALLA MS Blueberry Spec	
3C W KITTRIDGE BS Asst Ext Engin		12C S BROWN PhD Prof Forage 123P N CARPENTER MS Assoc Prof Chem	
12A F KLINGE PhD Prof Water Mat		1ROGER CLAPP MS Assoc Prof Hort Landsc	
3J M LANE BS Rural Civ Def		5ELIOT EPSTEIN PhD Collab USDA Soils	
3R A PELLERIN BS Agr Engin and Rural Civ D	ef Spec	5W J GRANT MS Collab USDA Soils	
1R B RHOADS MS Prof		2P R HEPLER PhD Assoc Prof Vea Sugarbeets	
124R J ROWE MS Assoc Prof Forage		13V H HOLYOKE MS Crops Spec Forage	
2S E SIDES BS Assoc Prof Potatoes		12F E HUTCHINSON PhD Prof Soils and Seed Anal	
12H M SOULE Jr MS Assoc Prof Blueberries 3M R WARNER BS Ext Engin		12W J KENDER PhD Assoc Prof Hort Fruits	
12R B WILLIAMS MS Assoc Prof Structures		12A R LANGILLE PhD Asst Prof Agron	
TENT D WILDERWIND WID TABLE I TOT BELLETINES		13L E LITTLEFIELD MS Asst Prof 12E G LOTSE PhD Assoc Prof Soil Chem	
Entomology	4720	3P N MOSHER MS Potato Spec	
123G W SIMPSON PhD Head and Prof Potato		2ELIZABETH F MURPHY MA Prof Hort Chem	
12L W BOULANGER PhD Prof Fruits		12H J MURPHY MS Assoc Prof Agron Potato Prod	
12J B DIMOND PhD Prof For		2R V ROURKE MS Asst Prof Soil Water	
3ARTHUR GALL MS Pesticide Chem Spec		23W C STILES PhD Assoc Prof Pomol	
2I N McDANIEL PhD Assoc Prof 2R E OLSON PhD Prof For		2M F TREVETT MS Prof Weeds Blueberries	
12E A OSGOOD Jr PhD Assoc Prof For		23H E WAVE PhD Assoc Prof Pomol	
5W A SHANDS MS Collab USDA Potato		Experimental Farms	790
12R H STORCH PhD Asst Prof Potato		Aroostook Farm (PO Presque Isle)	70
		2R M COBB BS Supt	
Extension Administration	4730	Blueberry Hill Farm (PO RFD Addison)	
3A E BENNETT MEd Community Devlpmt Spec		2I C MASON MS Supt	
3D M BRUCE BS Youth Educ Spec		Highmoor Farm (PO Monmouth)	
3C F HOLT MS Field Prog Coord		23W C STILES PhD Supt	
3H M KEARNEY EdD Youth Educ Spec			
3R S LEACH PhD Field Prog Coord		HARVI AND	
3S R MILLER BS Admin Off 3MARGARET STEVENS BS Youth Educ Spec		MARYLAND	
30 L WYMAN MS State Prog Coord			
22 2 minute indicate i roq coold		The College of Agriculture, the Agricultural Experime	nt
Food Science	4740	Station, and the Cooperative Extension Service in Agricul	
2J M HOGAN PhD Head and Prof Potatoes		and Home Economics of the University of Maryland, Colle	
123M E HIGHLANDS PhD Prof Poultry		Park 20742	
2Mrs TATIANA ILLYN MS Asst Prof Potatoes		•G-11 G-11	
E D	4900	1College Staff 2Station Staff 3Extension Staff	
Forest Resources 123A D NUTTING BS Dir of Sch and Head of Dept	4750	4Leave of Absence 5Coop USDA	
• • • • • • • • • • • • • • • • • • •			

4800

123W H ELKINS PhD Pres of Univ (301-454-2211)
123F L BENTZ Jr PhD Vice Pres For Agr Affairs (301-

123G M CAIRNS PhD Deam of Col of Agr (301-454-3702)

454-3704)

3L P BISSELL MF For Spec

12A M BRACKLEY MS Instr Wood Sci

12T J CORCORAN PhD Assoc Dir and Prof For

12M W COULTER PhD Assoc Dir and Prof Wildlife

1E L GIDDINGS MS Lect For Resources

MARYLAND 4800-4880

31 C HAUT PhD Dir of Sta (301-454-3707)	Dairy Science—Continued
MARJORY BROOKS PhD Dean of Col of Home Econ	12T P FAIRCHILD PhD Asst Prof Genet
(301-454-2136)	12R W HEMKEN PhD Prof Nutr
1P R POFFENBERGER PhD Asst Dean Instr (301-454-	12MARK KEENEY PhD Prof Mfg
37/08)	12R L KING PhD Prof Mfq 12J F MATTICK PhD Prof Mfq
1M J PELCZAR PhD Vice Pres Grad Studies and Res	3J L MORRIS MS Ext Assoc Prof
(301-454-3141) 123C W CISSEL MA Dir of Finance and Bus (301-454-	1D J SEELY BS Instr Mfg
3126)	2J H VANDERSALL PhD Assoc Prof Nutr
23C II LIDEN MS Admin Asst Agr (301-454-3710)	12W F WILLIAMS PhD Assoc Prof Physiol
	Economics (Agr) 4850
Agronomy 4810	Economics (Agr) 4850 123J M CURTIS PhD Prof Agr Econ and Head of Dept
123J R MILLER PhD Prof and Head of Dept 12J H AXLEY PhD Prof Soil Chem	123G M BEAL PhD Prof Agr Econ Tobacco and Dairy
2M K AYCOCK Jr PhD Asst Prof Plant Brdg	Mktg Policy
23V A BANDEL PhD Asst Prof Soil Fert	23R J BEITER MS Instr Agr Econ Gen Mktg Coops
12D F BEZDICEK PhD Asst Prof Soil Chem	12F E BENDER PhD Assoc Prof Agr Econ Econometrics
12G W BURT PhD Asst Prof Weed Control	and Demand Analysis
5B E CALDWELL PhD Agron	123J L CAIN PhD Assoc Prof Fruit and Veg Mktg and Mktg Structure
12N A CLARK PhD Asst Prof Forage Crops 23E E DEAL PhD Asst Prof Turf Mat	3J L CROTHERS Jr MS Asst Prof Mktg Field Crops
12A M DECKER Jr PhD Prof Forage Crops	and Transp
12D S FANNING PhD Asst Prof Soil Mineral and Soil	1J G EVANS MA Vis Prof Internatl Agr
Classif	12P W FOSTER PhD Prof Agr Econ Internatl Agr Res
12L R FERNOW PhD Asst Prof Geol	Devlpmt
12J E FOSS PhD Asst Prof Soil Classif	13A B HAMILTON MS Assoc Prof Agr Econ 3H H HOECKER BS Ext Asst Prof Agr Econ Fruit and
2J H HOYERT PhD Assoc Prof Tobacco 1A O KUHN PhD Prof Crops	Veg Mkta Retail Prog
3C G McKEE PhD Assoc Prof Tobacco	12SIDNEY ISHEE PhD Prof Agr Econ Prod Econ
3F P MILLER PhD Asst Prof Soil and Water Res	123B V LESSLEY PhD Assoc Prof Agr Econ Prod Econ
3J L NEWCOMER MS Asst Prof Grain Crops	3J E MAHONEY BS Chief of Mkta Serv
23J V PAROCHETTI PhD Asst Prof Weed Control	123R F McDONALD PhD Assoc Prof Acr Econ
2R G ROTHGEB PhD Prof Plant Brdg	Livestock and Grain Mkta and Mkta Structure
12J A SCHILLINGER PhD Asst Prof Plant Brdg	3VIRGINIA McLUCKIE MS Ext Assoc Prof Consum Food Mktg
1H G SIEGRIST PhD Asst Prof Geol 1P B STIFFEL PhD Asst Prof Geol	3A R MEYER BS Assoc Prof Mkta Livestock Mkta
20 E STREET PhD Prof Tobacco	12J R MOORE PhD Prof Agr Econ Internatl Trade
12EDWARD STRICKLING PhD Prof Soil Phys	and Mkta Structure
5H G VEST PhD Res Assoc Agron	23R A MURRAY PhD Assoc Prof Agr Econ Mktg Outlook
	Prod Econ
Animal Science 4820	3G A STEVENS PhD Ext Assoc Prof Agr Econ Prod Econ
123J E FOSTER PhD Prof and Head of Dept	12R C SUTTOR PhD Assoc Prof Agr Econ Econometrics
12JOHN BURIC PhD Assoc Prof Anim Sci 3J R FERGUSON PhD Ext Prof Anim Sci	and Demand Anal
3E F. GOODWIN PhD Ext Assoc Prof Anim Sci	1231) F TUTHILL PhD Assoc Prof Agr Econ Resource
12W W GREEN PhD Prof Anim Sci	Econ
12E C LEFFEL PhD Prof Anim Sci	23J E VIA PhD Assoc Prof Agr Econ Poultry and Egg
12E P YOUNG PhD Assoc Prof Anim Sci	Mkta 23W PWALKER MC Prof Agr Econ Taxation
_	12J W WYSONG PhD Prof Agr Econ Prod Econ
Botany 4830	The state of the s
123R W KRAUSS PhD Head and Prof Plant Physiol 1RONALD BAMFORD PhD Prof Bot	Editorial 4860
123G A BEAN PhD Asst Prof Plant Path	123C W JACKSON MS Agr Ed
1R G BROWN PhD Assoc Prof Bot	3M C BRENNAN BS Instrand Vis Aids Spec
1M K CORBETT PhD Prof Plant Virol	23DOROTHY CONANT Inform Spec  3Mrs LINDA K CROWELL BS Inform Spec
12C R CURTIS PhD Asst Prof Plant Path	23S W FARWELL BFA Instrand Vis Arts Spec
12R A GALLOWAY PhD Assoc Prof Plant Physiol	23J H OWENS BS Inform Spec
12H G GAUCH PhD Prof Plant Physiol 1G K HARRISON PhD Asst Prof Bot	3J W WAGNER Jr BS Inform and Radio Spec
3J G KANTZES PhD Assoc Prof Plant Path	E1 11 (1 1 E 1)
1E P KARLANDER PhD Asst Prof Plant Physiol	Education (Agr and Ext)  122V D. CARDOZIER DED. Dest Ass Educated at
123W L KLARMAN PhD Assoc Prof Plant Path	123V R CARDOZIER PhD Prof Agr Educ and Head of Dept
12L R KRUSBERG PhD Asst Prof Plant Path	25F H FORSYTH PhD Faculty Res Assoc Agr and Ext
1J D LOCKARD PhD Assoc Prof Bot	Educ
12R J MANS PhD Assoc Prof Bot	12A H KREBS PhD Prof Agr Educ
12D T MORGAN Jr PhD Prof Bot 23O D MORGAN Jr PhD Assoc Prof Plant Path	12J W LONGEST PhD Assoc Prof Rural Sociol
12G W PATTERSON PhD Asst Prof Plant Physiol	13E R RYDEN PhD Prof Ext Educ
12R D RAPPLEYE PhD Assoc Prof Bot	1C R SMITH EdD Assoc Prof Agr Educ (and Dir Summer Sch)
12H D SISLER PhD Prof Plant Path	Seri
12W L STERN PhD Prof Bot	Engineering (Agr) 4880
3L O WEAVER PhD Prof Plant Path and State Plant Path	123R L GREEN PhD Prof and Head of Dept
ruui	23H L BRODIE Instr Agr Engin
Dairy Science 4840	2G J BURKHARDT MS Res Prof Aar Enain
123R F DAVIS PhD Prof and Head of Dept	5H J EBY BSChE Agr Engin
123W S ARBUCKLE PhD Prof Mfg	23K E FELTON MS Assoc Prof Agr Engin
23J L CASON PhD Prof Nutr	13G W GIENGER MS Assoc Prof Agr Engin 12W L HARRIS PhD Asst Prof Agr Engin
3C M CHANCE PhD Assoc Prof Ext Dairyman	3C P MERRICK BSCE Ext Assoc Prof Agr Engin

Engineering (Agr)-Continued

2W F SCHWIESOW PhD Assoc Prof Agr Engin

3L E STEWART MS Ext Instr \ar Engin

2F W WHEATON PhD Res Assoc Agr Engin

5G B WILLSON MS Agr Engin

2P N WINN Jr MS Res Assoc Prof Agr Engin

Entomology

123W E BICKLEY PhD Prof Ent and Head of Dept 12J A DAVIDSON PhD Asst Prof Ent

23CASTILLO GRAHAM PhD Assoc Prof Ent (PO Hancock)

35W C HARDING Jr PhD Asst Prof Ent

12F P HARRISON PhD Assoc Prof Ent 3J L HELLMAN MS Instr Ent

12J C JONES PhD Prof Ent

23E R KRESTENSEN PhD Assoc Prof Ent (PO Hancock)

3G S LANGFORD PhD Prof Ent

2R E MENZER PhD Asst Prof Ent

12D H MESSERSMITH PhD Assoc Prof Ent

2J W NEAL Jr MS Instr Ent

2C F REICHELDERFER PhD Asst Prof Ent

35DAVID SHRIVER MS Asst Prof Ent

25E D THOMAS MS Faculty Res Asst Ent

2MICHAEL TYSOWSKY Jr MS Instr Ent (PO Salisbury) 23F E WOODMS Instr Ent

Extension

ADMINISTRATION

3R E WAGNER PhD Ext Prof and Dir

3R R ANGUS MS Ext Asst Prof and Proa Ldr 4-H and Youth

3M G BAILEY MS Ext Asst Prof and Ext Supvr Aar 3A JUNE BRICKER PhD Ext Prof and State Ldr Ext Home Econ

3W M BUCKEL MS Ext Assoc Prof and Ext Supvr Aar 3B G BUSBICE MS Ext Asst Prof and Ext Supvr 4-H and Youth

3D D EIGENBRODE MS Ext Asst Prof and Ext Supvr 4-H and Youth

3Mrs LOUISE KILPATRICK MS Ext Asst Prof and Proa Ldr 4-H and Youth

3Mrs MARGARET M MEARNS BS Ext Instr and Ext Agr Home Econ At Large

3H D SMITH PhD Ext Prof and Assoc Dir Prog and Admin Mat

3J A WEAMERT MS Ext Asst Prof and Asst Dir Field Oper

### HOME ECONOMICS

3A JUNE BRICKER PhD Ext Prof Dept Head State Ldr 3Mrs JANET BUSKEY BS Instrand Human Devlomt Spec

3Mrs EZELLE M HAWKINS MS Ext Asst Prof and Community Devlomt Spec

3ELIZABETH H LANGSDALE MEd Ext Asst Prof and Home Furn Spec

3CHARLES LEIDENFROST BS Instr and Cult Devlomt Spec

3Mrs IOLA H MATHIAS MS Ext Asst Prof and Cloth and Text Spec
3Mrs SHIPLEY J MOTT BS Ext Home Econ Educ

3Mrs EVELYN R NANTZ MS Ext Asst Prof and Home

Mat Spec 3Mrs JUDITH A PHEIL BS Ext Asst Prof and Food and

Nutr Spec 3VIRGINIA LI WANG PhD Ext Asst Prof and Health

Educ Spec

Home Economics, College of 4910

13MARJORY BROOKS PhD Prof and Dean of Col 1R A AHRENS PhD Assoc Prof Food Nutr and Inst Mat 1SYBIL J BANGS MS Asst Prof Food Nutr and Inst Mat ICORNELIA BECKWITH MA Asst Prof Applied Art IMARGARET BRIGGS MS Assoc Prof Joint Educ and Home Econ

1W D BROWN PhD Asst Prof and Head Fam Life and

1LILLIAN C BUTLER PhD Assoc Prof Food Nutr

Home Economics, College of-Continued

1CHARLOTTE V CHURAMAN MEd Asst Prof Form Life and Mat

IVIENNA CURTISS EdD Prof Applied Art 1FREMONT DAVIS BS Lect Applied Art

12Mrs MARY S EHEART MS Asst Prof Food Nutr and Inst Mat

1MARTHA GARRISON MS Instr Fam Life

1Mrs VELMA HARWOOD MS Asst Prof Food and Nutr 1EILEEN M HEAGNEY MS Asst Prof Text and Cloth 1S B HOLVEY BA Instr Housing and Applied Design 1RUTH O KNIGHTON MS Instr Food Nutr and Inst Mat 1LOUISE LEMMON PhD Assoc Prof Joint Educ and

Home Econ

4890

4900

1B ELLEN MacMAHON MA Instr Fam Life
1T FAYE MITCHELL MS Prof of Text and Cloth 1S W ODLAND BS Instr Applied Art and Housing 1Mrs RUTH ORVEDAL MS Asst Prof Fam Life and Mat 1VIRGINIA PLEDGER MHE Instr Text and Cloth 1ELIZABETH PRATHER PhD Prof and Head Dept

Food Nutr and Inst Mat

1J B ROPER MA Asst Prof Housing and Applied Design 1Mrs ELAINE ROPKO BA Instr Applied Art and

1R D SCHMITZ MFA Instr Housing and Applied Design 1Mrs JANE K SHEARER PhD Prof and Head of Dept of Housing and Applied Design

1MARY LOU SOUTHERN MS Instr Text and Cloth 1ERMA STRINER BA Lect Housing and Applied Design 1THELMA L THOMPSON MA Lect Text and Cloth 1Mrs JUNE C WILBUR MS Asst Prof Text and Cloth 1LEDA A WILSON EdD Assoc Prof Home Econ 1EUGENIA ZALLEN MS Asst Prof Food Nutr and Inst Mat

**Horticulture** 

4920

4930

123F C STARK PhD Prof and Head of Dept 2C D ALTMAN MS Res Asst Veg Crops (Veg Res Form

Salisbury)

12F F ANGELL PhD Asst Prof Veg Crops 12R L BAKER PhD Asst Prof Ornam Hort

1H A BORTHWICK PhD Lect

3H W DENGLER BS Ext Assoc Prof For 2Mrs DOROTHY A EIKER BS Asst Veq Crops (Veq Res Farm Salisbury)

12D E ELTZROTH MS Res Asst Ornam Hort

3F R GOUIN MS Ext Instr Ornam Hort

12I C HAUT PhD Prof Pomol

3H A HUNTER MS Assoc Prof Veg Crops 3C N JOHNSON BS Ext Asst Prof Landsc

12AMIHUD KRAMER PhD Prof Hort Proc

123C B LINK PhD Prof Flor 2J D LONG MS Instr Veq Crops (at Vet Res Farm Salisbury)

1T J MacCUBBIN BS Instr Appl Aar

23W A MATTHEWS MS Assoc Prof Veg Crops (at Veg Res Farm Salisbury)

12C W REYNOLDS PhD Prof Veg Crops

23B L ROGERS PhD Assoc Prof Pomol (PO Hancock)

12L E SCOTT PhD Prof Hort Physiol

12J B SHANKS PhD Prof Flor 2R J SNYDER PhD Assoc Prof Veg Crops

13K P SOERGEL MLA Asst Prof Landsc

3G J STADELBACHER PhD Assoc Prof Pomol

2MANSUR TAVAKOLI PhD Res Assoc Hort Proc

12A H THOMPSON PhD Prof Pomol

12S H TODD BS Instr Hort

3B A TWIGG PhD Ass∞ Prof Hort Proc

12R C WILEY PhD Assoc Prof Hort Proc

Poultry Science

123C S SHAFFNER PhD Prof and Head of Dept 12D E BIGBEE PhD Asst Prof Poultry Sci

12G F COMBS PhD Prof Poultry Nutr

23R D CREEK PhD Assoc Prof Poultry Nutr

3E F GODFREY PhD Assoc Prof Ext 123N V HELBACKA PhD Assoc Prof Poultry Mkta

2E HOFFMANN PhD Assoc Prof Poultry Sci 3J L NICHOLSON BS Ext Asst Prof Poultry Sci 2Mrs MARY S SHORB PhD Res Prof Poultry Nutr State Inspection Service

1A B HEAGY BS Assoc Prof (State Chem)

Veterinary Science

4960

4950

12T A LADSON VMD Head Prof and Dir of Livestock Sanit Serv

12T F ALBERT VMD Asst Prof Vet Sci 2B C HATZIOLOS DVM DAH Prof Histopath

2R B JOHNSON BA Assoc Prof Physiol

12S B MOHANTY DVM PhD Asst Prof Vet Virol 2I M MOULTHROP DVM Prof Vet Sci

12J A NEWMAN DVM PhD Assoc Prof Avian Path 2ELIZABETH J SCHULTZ VMD Asst Prof Mastitis Res 2R B SHILLINGER DVM Assoc Prof Vet Sci 12F K WILLS VMD PhD Assoc Prof Vet Sci

Schools of Agriculture and Home Economics of Marvland State College, Princess Anne 21853

1College Staff

4970

1J T WILLIAMS EdD Pres (301-651-2200) I WILLIAM I LYNK PhD Dean of Col 1Mrs VIOLET J WOOD Dir of Admissions

Agriculture (General and Vocational Education) 4980

1F H SMITH EdD Head of Dept and Prof of Anim Husb and Agr Mech 1C C MARION PhD Prof of Agr Educ and Teacher

Training 1J V STRICKLAND MS Assoc Prof Poultry and Econ 1M W VAUGHN PhD Prof of Agron and Dairy Technol

4990 Home Economics

1CECELIA E HUMPHREY EdD Prof and Head of Dept 1ALETHIA A ELPS MS Asst Prof Cloth 1Mrs GRACE S MORTON MS Assoc Prof Home Econ Educ and Teacher Training

1Mrs DEVENIA P WALLACE MS Asst Prof Foods

## **MASSACHUSETTS**

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Massachusetts, Amberst 01002

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Military Leave or Control Service

5000

11 W LEDERLE PhD Pres

1237A A SPIELMAN PhD Dean of Agr Dir of Sta Dir of Ext Serv (413-545-2766)

3.I R BEATTIE MS Assoc Dir of Ext Serv (413-545-27151 1F P JEFFREY MS Assoc Dean of Agr and Dir of

Stockbridge Sch (413-545-2222)

1237K W JOHNSON BS Treas

Agricultural Administration

5010

23M L BLASIDELL BS Staff Assoc 23R H BUNN BA Assoc Prof Pub(s) 123G E MOTTLA BA Assoc Dis Internatl Agr 123C W TURNER MS Dir Internatl Agr and Ext Ldr 3H S VAUGHAN MPA Head Aar Ldr

Economics (Agrand Food)

5050

123J B WYCKOFF PhD Prof Resource Econ and Head of Dept 123E W BELL MS Prof Agr Econ

13J H BRAGG DBA Assoc Prof Agribus 2A A BROWN MS Prof Transp

12J W CALLAHAN MS Asst Prof Agr Econ 123R L CHRISTENSEN PhD Assoc Prof Prod Econ Economics (Agr and Food)-Continued

3B D CROSSMON DPA Prof Mktg Mgt Spec 13N E ENGEL PhD Assoc Prof Mktg Econ

12R A FITZPATRICK MS Assoc Prof Food Econ 12R H FORSTE MS Instr Resource Econ

123J H FOSTER PhD Assoc Prof Resource Econ 23E I FULLER PhD Assoc Prof Prod Econ

12ELMAR JARVESOO DAGT Assoc Prof Agr Econ

12DEANE LEE MS Asst Prof Agr Econ 13T W LEED PhD Prof Mktg Econ

13D R MARION MS Asst Prof Mktq Econ

12SARGENT RUSSELL PhD Assoc Prof Agr Statis

1H G SPINDLER MBA Asst Prof Acctg

12D A STOREY PhD Assoc Prof Mktg Econ

Engineering (Agr)

5060

123J T CLAYTON PhD (PE) Prof Environ Engin and Head of Dept 3G A FITZGERALD MS (PE) Prof Food Engin

12S W FLETCHER III MS Instr Food Engin

13C A JOHNSON MS (PE) Assoc Prof Util and Equip 12E A JOHNSON MS Asst Prof Agr Power

13R G LIGHT MS Assoc Prof Farmstead Engin

12E S PIRA MS Asst Prof Util

123L F WHITNEY PhD (PE) Assoc Prof Mach Design 123J W ZAHRADNIK PhD (PE) Prof Food Engin

Entomology

5070

123T M PETERS PhD Head of Dept 123W B BECKER PhD Assoc Prof For Ent 123L J EDWARDS PhD Asst Prof Ins Physiol

123J F HANSON PhD Prof Ins Morphol

123J H LILLY PhD Prof Ent 123F R SHAW PhD Prof Apic and Med Ent 123MARION E SMITH PhD Assoc Prof Ins Taxon

123P C STEVE PhD Asst Prof Ent 123E H WHEELER PhD Prof Ins Biol

123E J WILK BS Instr Gen Ent

Environmental Sciences (Waltham and Amherst)

5075

Waltham 02154

(Waltham Field Station PO Waltham 617-894-3420 894-3422 or 894-3423)

23J A NAEGELE PhD Head of Dept and Prof Ent 23P F BOBULA MS Instr Nurserycult

2F J CAMPBELL BS Asst Prof Plant Brdg

23C S CHATER MS Asst Prof Ent 27G P FADDOUL DVM MS Prof Vet Sci

2W A FEDER PhD Prof Plant Path 7G W FELLOWS AB Asst Prof Vet Sci

3H C FORDHAM BS Instr Flor 23W C GALINAT PhD Prof Genet

23W J GARLAND Instr Ent

23W J MANNING PhD Asst Prof Plant Path
2W D MCENROE PhD Asst Prof Invertebrate Physiol

23R E YOUNG MS Prof Plant Brdg

Amherst 01002

(Institute of Agr and Indus Microbiol Amherst 413-544-2288)

12WARREN LITSKY PhD Commonwealth Prof and Dir Inst of Agr and Indus Microbiol

12H B GUNNER PhD Assoc Prof Soil Microbiol 2W S MUELLER PhD Assoc Prof Disinfection

2R W WALKER PhD Asst Prof Bact

Food Science and Technology

5080

123W B ESSELEN PhD Commonwealth Head of Dept 13E M BUCK PhD Assoc Prof Meat Technol 12F M CLYDESDALE PhD Asst Prof Chem IN G COURNOYER LLB MBA Asst Prof Restaurant

and Hotel Mat 13C E ESHBACH MPA MS Assoc Prof Food Mktg Spec

13D A EVANS MS Asst Prof Dairy Technol 12I S FAGERSON PhD Prof Anal Chem

12F J FRANCIS PhD Prof Biochem and Plant Chem Nicolas Appert Prof of Food Technol

123D J HANKINSON PhD Prof Dairy Technol 13K M HAYES MS Prof Food Technol 12H O HULTIN PhD Assoc Prof Enzymol

Food Science and Technology—Continued

Food Science and Technology—Continued	Plant and Soil Sciences 5120
12W M HUNTING PhD Asst Prof Angl Chem	123F W SOUTHWICK PhD Head of Dept
12R E LEVINPhD Asst Prof Microbiol 3R F LUKOWSKI MBA Ext Spec Restaurant and Hotel	12J F ANDERSON MS Instr Pomol
Mat Ext spec Restaurant and Hotel	12J H BAKER PhD Assoc Prof Soil Chem
1DE LUNDBERG PhD Prof in Cha Restaurant and	12A V BARKER PhD Asst Prof Plant Physiol and Soil Chem
Hotel Mat	12A W BOICOURT MS Prof Flor
12W W NAWAR PhD Assoc Prof Biochem	12W J BRAMLAGE PhD Asst Prof Plant Physiol
13F E POTTER PhD Assoc Prof Dairy Technol	123W G COLBY PhD Prof Forage Crops
123C J ROBERTSON AB Lect Food Technol	12MACK DRAKE PhD Prof Plant Chem
12F M SAWYER PhD Assoc Prof Biochem and Nutr	1G B GODDARD PhD Asst Prof Plant Physiol
12C R STUMBO PhD Prof Microbiol 13A L WRISLEY Jr MA Asst Prof Restaurant and Hotel	123J R HAVIS PhD Prof Plant Physiol
Mat Asst Fiol Residurant and Hotel	12W H LACHMAN MS Prof Plant Brda
MQL	123W J LORD PhD Assoc Prof Pomol
Forestry and Wildlife Management 5090	12H V MARSH Jr PhD Asst Prof Biochem  12D N MAYNARD PhD Assoc Prof Plant Physiol
123A D RHODES MF Head of Dept	12L F MICHELSON PhD Assoc Prof Plant Nutr
12H G ABBOTT MF Assoc Prof For Prod and Silvic	12W A ROSENAU PhD Asst Prof Flor
123R S BOND PhD Asst Prof Resource Econ	12G L STEWART PhD Assoc Prof Soil Phys
12R B BRANDER PhD Asst Prof Wildlife Biol	13C L THOMSON MS Prof Veg Crops
3C A CARLOZZI PhD Assoc Prof Resource Plan	123JOSEPH TROLL PhD Assoc Prof Turf Path
1A B COLE MF Instr For	13A P TUTTLE MS Asst Prof Hort
12C F COLE PhD Assoc Prof Fisheries Biol 123H B GATSLICK PhD Prof Wood Technol	123JONAS VENGRIS DAgr Sci Assoc Prof Plant
12FREDERICK GREELEY PhD Assoc Prof Wildlife Biol	Toxicol
12R B HOADLEY DF Asst Prof Wood Technol	13M E WEEKS PhD Prof Soil and Crop Spec
123W P MACCONNELLMF Prof For Mgt	12W D WEEKS PhD Assoc Prof Pomol
12D L MADER PhD Assoc Prof For Soils and Ecol	123H M YEGIANMS Asst Prof Plant Genet
12J C MAWSON MF Instr For Mensuration	12J M ZAK MS Assoc Prof Soil Chem
6J A MCCANN PhD Ldr of Mass Coop Fishery Unit	Plant Pathology 5130
USDI and Adjunct Assoc Prof Fisheries Biol	123R A ROHDE PhD Head of Dept
12W S MCNAMARA MS Instr Wood Chem	123G N AGRIOS PhD Asst Prof Fruit Path
3J H NOYES MF Prof For Mgt	123W M BANFIELD PhD Assoc Prof For Path
5R J REED PhD Asst Leader Mass Coop Fishery Unit	123C J GILGUT PhD Prof Ext Plant Path
USDI and Adjunct Assoc Prof Fisheries Biol 12W W RICE PhD Assoc Prof Wool Technol	27F W HOLMES PhD Assoc Prof Shade Tree Path
6W G SHELDON PhD Ldr of Mass Coop Wildlife Res	27M A MCKENZIE PhD Prof and Dir Shade Tree Lab
Unit USDI and Adjunct Prof Wildlife Biol	Regulatory Services (Feed Fert Dairy Laws Seed Lab) 5160
6B C WENTWORTH PhD Anim Physiol Mass Coop	7J W KUZMESKI BS Prof in Chq
Wildlife Res Unit USDI and Adjunct Asst Prof	7C H EIBEN MS Asst Prof Seed Control
Wildlife Biol	7MRS GEORGIA P FRENCH MS Instr Feed and Fert
6D K WETHERBEE PhD Res Biol Mass Coop Wildlife	7W C LINCOLN Jr BS Instr Seed Control
Res Unit USDI and Adjunct Assoc Prof Wildlife	
	7W N RICE PhD Assoc Prof and Dir of Seed Lab
Biol	7W N RICE PhD Assoc Prof and Dir of Seed Lab 7C T SMITH MS Assoc Prof Feed and Fert
	7C T SMITH MS Assoc Prof Feed and Fert
Biol 12B F WILSON PhD Asst Prof Tree Physiol	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170
Biol 12B F WILSON PhD Asst Prof Tree Physiol 4-H Club 5100	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Prog 3M W BOSS MEd Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Prog 3M W BOSS MEd Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  12W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 5110	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Scient Condense Service Physion and Dept Statis (Col of Arts and Sci)
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktg and Mgt
Biol  12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq  3M W BOSS MEd Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ)  13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  3WINIFRED I EASTWOOD MA Prof and Head of Ext Div	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Scient Condense Service Physion and Dept Statis (Col of Arts and Sci)
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proa 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec
Biol  12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq  3M W BOSS MEd Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ)  13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ  13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proa 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 5110 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Human Relat 13VERDA M DALE MS Prof Home Mat 13VEGINIA DAVIS MS Assoc Prof Cloth	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proa 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Scient and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktg and Mgt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proa 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 5110 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Human Relat 13VERDA M DALE MS Prof Home Mat 13VEGINIA DAVIS MS Assoc Prof Cloth	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Pmf Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  12S J LYFORD Jr MS Assot Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Pmf Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  12S J LYFORD Jr MS Assot Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 5110 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MIS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 5115	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Science and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktg and Mgt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  12S J LYFORD Jr MS Asst Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  27OLGA M OLESIUK MS Asst Prof Microbiol  27IONA M REYNOLDS MS Instr Microbiol  2MARTIN SEVOIAN VMD MS Prof Path
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARIORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mktq and Mqt  2HEINRICH FENNER PhD Asst Prof Nutr  12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  12S J LYFORD Jr MS Asst Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  12W J MELLEN PhD Prof Avian Physiol  27OLGA M OLESTUK MS Asst Prof Microbiol  27IONA M REYNOLDS MS Instr Microbiol  27IONA M REYNOLDS MS Instr Microbiol  2MARTIN SEVOIAN VMD MS Prof Path  7C F SMYSER Jr MS Asst Prof Microbiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  27IONA M REYNOLDS MS Instr Microbiol  27IONA M REYNOLDS MS Instr Microbiol  27ARTIN SEVOIAN VMD MS Prof Path  12R E SMITH VMD Prof Clin Path  7C F SMYSER Jr MS Asst Prof Microbiol  12J R SMYTH Jr PhD Prof Avian Genet
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUPSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof 1JULIUS FABOS MLA Asst Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  27OLGA M OLESTUK MS Asst Prof Microbiol  27IONA M REYNOLDS MS Instr Microbiol  27IONA M REYNOLDS MS Asst Prof Microbiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr  2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  27IONA M REYNOLDS MS Instr Microbiol  27IONA M REYNOLDS MS Instr Microbiol  27ARTIN SEVOIAN VMD MS Prof Path  12R E SMITH VMD Prof Clin Path  7C F SMYSER Jr MS Asst Prof Microbiol  12J R SMYTH Jr PhD Prof Avian Genet
Biol  12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog  3M W BOSS MEd Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ)  13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  13WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ  13J D BURROUGHS MS Prof Human Relat  3VERDA M DALE MS Prof Home Mat  13VIRGINIA DAVIS MS Assoc Prof Cloth  3MIS ROSA S JOHNSTON MA Assoc Prof Home Furn  13MARJORIE M MERCHANT MS Assoc Prof Consum Educ  3HARRIET J WRIGHT MS Assoc Prof  1E H ZUBE MLA Head of Dept  1T S BACON Jr MCP Assoc Prof  1WALTER CUDNOHUFSKY MLA Asst Prof  1JULIUS FABOS MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1R S KING MS Prof Arboricult	7C T SMITH MS Assoc Prof Feed and Fert  Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept  123D L ANDERSON PhD Assoc Prof Nutr  12D L BLACK PhD Prof Physiol  123W G BLACK PhD Prof Physiol  13ANTHONY BORTON PhD Asst Prof Physiol  3B E COLBY MS Prof Livestock Spec  12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci)  13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol  123S N GAUNT PhD Prof Genet  13R M GROVER MS Assoc Prof Poultry Spec  37W K HARRIS DVM Prof Vet Microbiol  12G R HOWE PhD Assoc Prof Physiol  123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol  2J W MCDANIEL MS Instr Anim Physiol  12W J MELLEN PhD Prof Avian Physiol  27OLGA M OLESTUK MS Asst Prof Microbiol  27IONA M REYNOLDS MS Instr Microbiol  27IONA M REYNOLDS MS Asst Prof Microbiol
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Dept 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUPSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof 1JULIUS FABOS MLA Asst Prof 1T S HAMILTON Jr MS Asst Prof 1T S HAMILTON Jr MS Asst Prof 1G S KING MS Prof Arboricult 1J H MARTIN MLA Asst Prof	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mktq and Mqt 2HEINRICHFENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 12SJ J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27ARTIN SEVOIAN VMD MS Prof Path 7C F SMYSER Jr MS Asst Prof Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham O2538 (617 CY 5-2212)
Biol  12B F WILSON PhD Asst Prof Tree Physiol  4-H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog  3M W BOSS MEd Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ)  13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ  13J D BURROUGHS MS Prof Human Relat  3VERDA M DALE MS Prof Home Mat  13VIRGINIA DAVIS MS Assoc Prof Cloth  3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn  13MARIORIE M MERCHANT MS Assoc Prof Consum Educ  3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture  5115  1E H ZUBE MLA Head of Dept  1T S BACON Jr MCP Assoc Prof  1WALTER CUDNOHUFSKY MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1G S KING MS Prof Arboricult  1J H MARTIN MLA Asst Prof  1H E MOSF EH MLA Asst Prof	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Biomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mktq and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham 02538 (617 CY 5-2212) 23C E CROSS PhD Head of Dept
Biol  12B F WILSON PhD Asst Prof Tree Physiol  4H Club  3M L HOWES PhD Head of Ext Div of 4-H and Youth Prog  3M W BOSS MEd Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3MILDRED L HOWELL MA Assoc Prof  3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ)  13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ  3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ  13J D BURROUGHS MS Prof Human Relat  3VERDA M DALE MS Prof Home Mat  13VIRGINIA DAVIS MS Assoc Prof Cloth  3MTS ROSA S JOHNSTON MA Assoc Prof Home Furn  13MARJORIE M MERCHANT MS Assoc Prof Consum Educ  3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture  1E H ZUBE MLA Head of Dept  1T S BACON Jr MCP Assoc Prof  1WALTER CUDNOHUFSKY MLA Asst Prof  1H C DAVIS PhD Assoc Prof  1JULIUS FABOS MLA Asst Prof  1R L KENT Jr MLA Asst Prof  1G S KING MS Prof Arboricult  1J H MARTIN MLA Asst Prof  1H E MOSF EH MLA Assoc Prof  1G D OLSEN Jr BS Prof Tech	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mktq and Mqt 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Assoc Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Instr Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham 02538 (617 CY 5-2212) 23C E CROSS PhD Head of Dept 23I E DEMORANVILLE MS Asst Prof Agron (Weed
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4H Club 3M L HOWES PhD Head of Ext Div of 4H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Deot 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof 1JULIUS FABOS MLA Asst Prof 1R L KENT Jr MLA Asst Prof 1G S KING MS Prof Arboricult 1J H MARTIN MLA Asst Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA SPOT Tech 1R H OTTO MLA Prof	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Prof Path 127R E SMITH VMD Prof Clin Path 7 C F SMYSER Jr MS Asst Prof Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham 02538 (617 CY 5-2212) 23C E CROSS PhD Head of Dept 231 E DEMORANVILLE MS Asst Prof Adron (Weed Control)
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4-H Club 3M L HOWES PhD Head of Ext Div of 4-H and Youth Proq 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3MTS ROSA S JOHNSTON MA ASSOC Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Deot 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof 1JULIUS FABOS MLA Asst Prof 1T S HAMILTON Jr MS Asst Prof 1R L KENT Jr MLA Asst Prof 1R L KENT Jr MLA Asst Prof 1H E MOSF EH MLA Assoc Prof 1G D OLSEN Jr BS Prof Tech 1R H OTTO MLA Prof 1P N PROCOPIO MS Prof	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Bemet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mktq and Mqt 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESTUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Instr Microbiol 12R SMITH VMD Prof Clin Path 7C F SMYS ER Jr MS Asst Prof Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham Q2538 (617 CY 5-2212) 23C E CROSS PhD Head of Dept 23I E DEMORANVILLE MS Asst Prof Agron (Weed Control) 2K H DEUBERT PhD Asst Prof Biochem
Biol 12B F WILSON PhD Asst Prof Tree Physiol  4H Club 3M L HOWES PhD Head of Ext Div of 4H and Youth Prog 3M W BOSS MEd Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3MILDRED L HOWELL MA Assoc Prof 3W W METCALFE PhD Asst Prof  Home Economics (Ext Sch of Home Econ) 13MARION A NIEDERPRUEM PhD Dean of Sch of Home Econ 3WINIFRED I EASTWOOD MA Prof and Head of Ext Div of Home Econ 13J D BURROUGHS MS Prof Human Relat 3VERDA M DALE MS Prof Home Mat 13VIRGINIA DAVIS MS Assoc Prof Cloth 3Mrs ROSA S JOHNSTON MA Assoc Prof Home Furn 13MARJORIE M MERCHANT MS Assoc Prof Consum Educ 3HARRIET J WRIGHT MS Assoc Prof Foods and Nutr  Landscape Architecture 1E H ZUBE MLA Head of Deot 1T S BACON Jr MCP Assoc Prof 1WALTER CUDNOHUFSKY MLA Asst Prof 1H C DAVIS PhD Assoc Prof 1JULIUS FABOS MLA Asst Prof 1R L KENT Jr MLA Asst Prof 1G S KING MS Prof Arboricult 1J H MARTIN MLA Asst Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA Assoc Prof 1H C MOSFEH MLA SPOT Tech 1R H OTTO MLA Prof	Veterinary and Animal Sciences 5170  123T W FOX PhD Head of Dept 123D L ANDERSON PhD Assoc Prof Nutr 12D L BLACK PhD Prof Physiol 123W G BLACK PhD Prof Physiol 13ANTHONY BORTON PhD Asst Prof Physiol 3B E COLBY MS Prof Livestock Spec 12R A DAMON Jr PhD Prof Blomet Vet and Anim Sci and Dept Statis (Col of Arts and Sci) 13J W DENISON MS Instr Mkta and Mat 2HEINRICH FENNER PhD Asst Prof Nutr 12R C FOLEY PhD Prof Physiol 123S N GAUNT PhD Prof Genet 13R M GROVER MS Assoc Prof Poultry Spec 37W K HARRIS DVM Prof Vet Microbiol 12G R HOWE PhD Assoc Prof Physiol 123S J LYFORD Jr MS Asst Prof Nutr 2PEGGY A MCCONNELL MS Instr Physiol 2J W MCDANIEL MS Instr Anim Physiol 12W J MELLEN PhD Prof Avian Physiol 27OLGA M OLESIUK MS Asst Prof Microbiol 27IONA M REYNOLDS MS Instr Microbiol 27IONA M REYNOLDS MS Prof Path 127R E SMITH VMD Prof Clin Path 7 C F SMYSER Jr MS Asst Prof Microbiol 12J R SMYTH Jr PhD Prof Avian Genet 237G H SNOEYENBOS DVM Prof Vet Sci 3D N STERN VMD Prof Ext Vet  Substations (See also Environmental Sciences Waltham) 5180 Cranberry Sta PO East Wareham 02538 (617 CY 5-2212) 23C E CROSS PhD Head of Dept 231 E DEMORANVILLE MS Asst Prof Adron (Weed Control)

### Substations (See also Environmental Sciences Waltham)\_Continued

23W E TOMLINSON MS Prof Ent 2B M ZUCKERMAN PhD Prof Plant Path

### MICHIGAN

The College of Agriculture and Natural Resources. The Agricultural Experiment Station, The Cooperative Extension Service, the Colleges of Education (Agr), Home Economics, Natural Science (Bot and Plant Path Ent), Social Science (Sociol), Veterinary Medicine of Michigan State University, East Lansing 48823

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop AEC 7Misc

5190

5210

1.J A HANNAH BS DAor LLD HHD Pres

1T K COWDEN PhD Dean of Col of Agr and Natural

Resources (Tel Code 517-355-0232) 1R L FELTNER PhD Asst Deam of Col of Agr and

Natural Resources and Dir of Res Instr (Tel Code 517-355-0236) 2S H WITTWER PhD Asst Dean of Col of Agrand

Natural Resources and Dir of Expt Sta (Tel Code 517-355-0123)

2.J A HOEFER PhD Assoc Dir of Expt Sta (Tel Code 517-355-0123)

3G S McINTYRE BS Asst Dean of Col of Agr and Natural Resources and Dir of Ext Serv (Tel Code 517-355-2308)

123P J MAY BBA Vice Pres for Bus and Finance - Treas 1M E MUELDER PhD Vice Pres for Res Devlomt and Advanced Grad Studies

Animal Husbandry 5200

1R rt NELSON PhD Prof and Chmn of Dept Anim Brda 12W G BERGEN PhD Asst Prof Anim Nutr

13L H BLAKESLEE PhD Assoc Prof Sheep Nutr

3G L BLANK MS Prof Sheep

2L J BRATZLER MS Prof Meats 123R J DEANS PhD Assoc Prof Meats

1B H GOOD MS Prof and Supt of Farm

23T R GREATHOUSE PhD Assoc Prof Beef Cattle 23H E HENDERSON PhD Prof Beef Cattle Physiol

21H A HENNEMAN PhD Prof Anim 'Husb Physiol

2J A HOEFER PhD Prof Swine Nutr

12W T MAGEE PhD Prof Anim Brdg 12R A MERKEL PhD Prof Meats

23E C MILLER Jr MS Prof Swine

12E R MILLER PhD Prof Anim Nutr

2J E NELLOR PhD Prof Anim Physiol

2D B PURSER PhD Assoc Prof Rumin ont Nutr

21H D HITCHIE PhD Assoc Prof Livestock Nutr

12D E ULLREY PhD Prof Anim Nutr

4N A WORKER PhD Prof Anim Nutr

## Biochemistry (Agr Natural Sci and Human Med)

12W A WOOD PhD Prof and Chmn of Dept

12R L ANDERSON PhD Assoc Prof 12STEVEN AUST PhD Asst Prof

12E J BENNE PhD Prof 12L L BIEBER PhD Asst Prof

12J A BOEZI PhD Assoc Prof

1R U BYERRUM PhD Prof

12W C DEAL Jr PhD Assoc Prof

12R J EVANS PhD Prof 12J L FAIRLEY Jr PhD Prof

16PHILIP FILNER PhD Asst Prof 12J F HOLLAND MS Instr

12PAUL KINDEL PhD Asst Prof 12H A LILLEVIK PhD Assoc Prof

12R W LUECKE PhD Prof

12A J MORRISPhD Assoc Prof

12F M ROTTMAN PhD Asst Prof

12H M SELL PhD Prof

12J C SPECK Jr PhD Prof 12C H SUELTER PhD Assoc Prof

## Biochemistry (Agr Natural Sci and Human Med)-Continued

12C C SWEELEY PhD Prof 12N E TOLBERT PhD Prof

16J E VARNER PhD Prof

12W W WELLS PhD Prof 12J E WILSON PhD Asst Prof

12B K ZIMMERMAN PhD Asst Prof

#### Botany and Plant Pathology (Natural Sci) 5220

12W B DREW PhD Prof and Chmn of Dept Econ Bot Plant Ecol

12 A S ALLEN MS Instr Plant Path

3A L ANDERSEN PhD Prof Plant Path

1R S BANDURSKI PhD Prof Plant Biochem Enzym Physiol

1J H BEAMAN PhD Prof Taxon Vascular Plants

1H C BEESKOW PhD Ass∞ Prof Plant Physiol

1E SBENEKE PhD Prof Mycol Med Mycol

1E C CANTINO PhD Prof Morphogen Plant Biochem Mycol

IJ E CANTLON PhD Prof Plant Ecol

1AUREAL CROSS PhD Prof Palynol

12D J deZEEUW PhD Prof Plant Path

12A H ELLINGBOE PhD Assoc Prof Plant Path Genet of Fungi

14J C ELLIOTT PhD Prof Plant Ecol

1W G FIELD PhD Asst Prof Mycol

12N E GOOD PhD Prof Plant Biochem Physiol

123J H HART PhD Asst Prof Plant Path (For and Shade Tree Dis)

12W J HOOKER PhD Prof Plant Virol Plant Path

23G R HOOPER PhD Asst Prof Plant Path Small Fruit Dis

1H A IMSHAUG PhD Assoc Prof Mycol Taxon of Lichens

23A L JONES PhD Asst Prof Plant Path (Stone Fruit Dis)

16MICHAEL JOST PhD Asst Prof Fine Structures 16H J KENDE PhD Prof Plant Res Lab Plant Physiol Growth Subs

2ALEKSANDER KIVILAAN PhD Asst Prof Plant Physiol

123E J KLOS PhD Prof Plant Path

II W KNOBLOCH PhD Prof Taxon Cytol of Fems

2M L LACY PhD Asst Prof Plant Path

16 ANTON LANG DrNAT SCI Prof Dir Plant Res Lab Plant Physiol

12J L LOCKWOOD PhD Assoc Prof Plant Path Ecol Soil Microfl

1L W MERICLE PhD Prof Radiation Bot Genet Devlpmt Higher Plants

12J M MOCKAITIS PhD Asst Prof Plant Physiol 1BRIAN MOSS PhD Asst Prof Phycol 2H H MURAKISHI PhD Prof Plant Virol Path

1C J POLLARD PhD Assoc Prof Plant Biochem Physiol

23H S POTTER PhD Assoc Prof Plant Path

25A W SAETTLER PhD Asst Prof Plant Path (Bact Dis Beans)

12R P SCHEFFER PhD Prof Plant Path (Host Parasite Relat)

25C L SCHNEIDER PhD Asst Prof Plant Path (Root Dis

Sugarheets)

3N A SMITH PhD Assoc Prof Plant Path

IS N STEPHENSON PhD Asst Prof Plant Ecol

16L G WILSON PhD Assoc Prof Asst Dir Plant Res Lab Plant Physiol

1P C WOLK PhD Asst Prof Plant Biochem Physiol of Alage

16J A D ZEEVAART PhD Assoc Prof Plant Res Lab Plant Physiol

## Crop Science

5230

1K T PAYNE PhD Prof and Chmn of Dept Plant Brdg 12M W ADAMS PhD Prof Plant Brdg and Genet

12J B BEARD PhD Assoc Prof Environ Phys and Turf

23R W CHASE PhD Assoc Prof Plant Phys 13L O COPELAND PhD Asst Prof Seed Impr

2C E CRESS PhD Asst Prof Plant Sci Statis

12F C ELLIOTT PhD Prof Plant Brdg and Genet

3M H ERDMANN PhD Prof Crop Prod

Crop	Science	-Cont	inued

12E H EVERSON PhD Prof Plant Brdg and Genet 12J E GRAFIUS PhD Prof Plant Brdg and Genet

12C M HARRISON PhD Prof Crop Prod

3S C HILDEBRAND MS Assoc Prof Crop Prod

125G J HOGABOAM PhD Agron-Asst Prof (Plant Brdg and Genet) Collab

12T J JOHNSTON PhD Asst Prof Crop Prod

2H L KOHLS MS Asst Prof Crop Prod

123W F MEGGITT PhD Prof Phys and Weed Control

3L V NELSON MS Prof Crop Prod

125C R OLIEN PhD Agron-Assoc Prof (Cereal Invest) Collab

2D P PENNER PhD Asst Prof Weed Physiol

23D J REID PhD Asst Prof Crop Prod

12E C ROSSMAN PhD Prof Plant Brdg and Genet 125D H SMITH PhD Asst Prof Res Genet (Cereal Leaf

Beetle Invest) 125F W SNYDER PhD Plant Physiol-Asst Prof (Sugar Plant Invest) Collab

12M B TESAR PhD Prof Pasture and Forage Crops

12N R THOMPSON PhD Prof Plant Brdg and Genet

## 5240

1C A LASSITER PhD Prof and Chmn of Dept 1D V ARMSTRONG MS Dairy Farm Mar

123L J BOYD PhD Prof Physiol

12E M CONVEY PhD Asst Prof Physiol

2R M COOK PhD Asst Prof Nutr

12R S EMERY PhD Prof Nutr

12J L GILL PhD Assoc Prof Statis Genet

12H D HAFS PhD Assoc Prof Physiol

23DONALD HILLMAN PhD Assoc Prof Nutr

23J T HUBER PhD Asst Prof Nutr

234L A JOHNSON PhD Assoc Prof Records 23C J LITTLE MS Asst Prof and Supt Upper Peninsula Expt Sta (PO Chatham) Nutr

12L D McGILLIARD PhD Prof Brdg

23C E MEADOWS PhD Prof Brdq

23D L MURRAY MS Prof Sanit

23A E SHAPLEY PhD Asst Prof Mgt

12W W SNYDER MS Prof Mat

123J A SPEICHER PhD Asst Prof Mgt

23P W SPIKE PlD Asst Prof Dairy Records

23A J THELE'N DHIA Supvr Computer Ctr

12W J THOMAS PhD Prof Nutr 12H A TUCKER PhD Assoc Prof Physiol

3M A WILSON BS Field Dairyman Records

## Economics (Agr)

5250 1L L BOGER PhD Prof and Chmn of Dept

3D K ARMSTRONG Assoc Prof Farm Mat Prod Econ

12J T BONNEN PhD Prof Agr Mkta Public Policy

5R F BOXLEY MS Agr Econ Land Econ 2J R BRAKE PhD Assoc Prof Farm Mat

3L H BROWN PhD Prof Farm Mqt 5D G CARVEY BS Agr Econ Res Econ

23D L COLE PhD Asst Prof Agr Mktg

2L J CONNER PhD Asst Prof Farm Mgt

13G K DIKE PhD Assoc Prof Grain Mktg

3J C DONETH MS Prof Farm Mat

5J S DREW MS Agr Econ Pest Res

5R D DUVICK MS Agr Econ Res Econ

12C K EICHER PhD Assoc Prof Internatl Trade Econ

Aar Devlomt

12J N FERRIS PhD Assoc Prof Outlook and Prices

23W S GREIG PhD Assoc Prof Mkta

12R L GUSTAFSON PhD Prof Agr Econometrics

5DUANE HACKLANDER MS Agr Econ Res Econ 5R T HARTWIG MS Assoc Prof (PO Marquette) Farm Mgt

12D E HATHAWAY DPA Prof Public Policy Econ Devlomt

2M L HAYENGA PhD Asst Prof Agr Mktg

12R G HEIFNER PhD Asst Prof Grain Mkta Price Anal

3R E HEPP PhD Asst Prof Form Mat

3J L HERVEY PhD Asst Prof Farm Labor Mat

2C R HOGLUND MS Prof Farm Mat Forage Econ

5J E HORSFIELD BS Agr Econ Water Res

5JOHN HOSTETLER MS Agr Econ Land Econ

3A E HOUSE PhD Asst Prof Public Policy

12G L JOHNSON PhD Prof Prod Econ Farm Mat

## Economics (Agr)-Continued

13M P KELSEY PhD Assoc Prof Farm Credit and Mat 13L R KYLE PhD Prof Farm Mat Crop Syst and Cost Studies

5R S LANIER MS Agr Econ Land Econ

123H E LARZELERE PhD Prof Eaa and Poultry Mkta

6N G M LUYKX Assoc Prof Agr Devlomt Policy 12L V MANDERSCHEID PhD Assoc Prof Price Anal

13ARTHUR MAUCH PhD Prof Public Policy

23GLYNN MCBRIDE PhD Prof Dairy Mktg

13Mrs ANITA MCMILLAN PhD Asst Prof Consum Mkta

5W T MILLER BS Aur Econ Land Econ

6DANIEL PIPER MS Agr Econ Land Econ

5R W RHOADE PhD Agr Econ Res Econ

2D J RICKS PhD Asst Prof Mktg and Price Anal 12H M RILEY PhD Prof Mktg Livestock Econ Devlpmt

3G E ROSSMILLER PhD Asst Prof Farm Labor Mat

5CARMAN SANDRETTO MS Agr Econ Land and Water Res

12A A SCHMID PhD Assoc Prof Land Econ Political Econ

12J D SHAFFER PhD Prof Mktg Consum Behavior

12V L SORENSON PhD Prof Agr Bus Mgt

2R D STEVENS PhD Assoc Prof Internatl Trade Econ of Agr Devlpmt

5S H STIPE MS Aar Econ Land Econ

5R W STROHBEHN PhD Agr Econ Res Econ

3D W STURT PhD Prof Farm Labor Mat

3W A TINSLEY PhD Assoc Prof Farm Mat

12ORION ULREY PhD Assoc Prof Coop Bus and Rural Devlomt

5JAMES VERTREES MS Agr Econ Res Econ

1W H VINCENT PhD Prof Farm Mat

12L W WITT PhD Prof Internatl Trade

3G P WOOD PhD Prof Public Policy Latin Amer Studies 12K T WRIGHT PhD Prof Cost Studies

3MARY D ZEHNER MS Consum Mktg Ext Spec

### Education , (College of)

5260

1C H GROSS PhD Prof and Chmn Dept of Secon Educ and Curriculum

1LAWRENCE BOROSAGE PhD Prof Indus Educ

1H M BYRAM PhD Prof Agr Educ

1R M CLARK EdD Prof Agr Educ

14G W FERNS PhD Assoc Prof Indus Educ

1R A GARNER PhD Assoc Prof Agr Educ

1PETER HAINES PhD Prof Bus Educ

10 D MEADERS EdD Assoc Prof Agr Educ 1ARLEEN OTTO PhD Prof Home Econ Educ

1N O SNEPP PhD Asst Prof Agr Educ

1H P SWEANY PhD Prof Agr Educ 1G E TIMMONS EdD Prof Agr Educ

1ELAINE FUTHE PhD Asst Prof Bus and Distributive

Educ 1HAROLD WALLACE PhD Assoc Prof Distributive Educ

## Engineering (Agr)

5270

1C W HALL PhD Prof and Chmn of Dept Proc and Drving

1C F ALBRECHT MA Assoc Prof Agr Mech Coord 12F W BAKKER-ARKEMA PhD Assoc Prof Proc and Drving

12W G BICKERT PhD Asst Prof Elec Power and Proc 1R H BITTNER PhD Asst Prof Farm Equip Serv and Sales Coord

3J S BOLEN MS Ext Spec Mech

123J S BOYD PhD Prof Structures 3B F CARGILL PhD Assoc Prof Fruit and Veg Mech

123W O CARVER MS Draftsman 3C M EDWARDS MS Assoc Prof Home Engin

4M L ESMAY PhD Prof Structures

12D L FARMER MS Inst Mech

12C M HANSEN MA Assoc Prof Power and Mach

2J B HARRINGTON Jr PhD Assoc Prof Micromet

2D R HELDMAN PhD Asst Prof Proc 12J B HOLTMAN PhD Asst Prof Syst

12E H KIDDER MS Prof Soil and Water

5J H LEVIN MS Fruit and Veg Harvest Invest Entire USA

12C J MACKSON PhD Assoc Prof Power and Mach

5270-5340 MICHIGAN

## Engineering (Agr)-Continued

3R L MADDEX MS Prof Proc Dry and Structures

12H F MCCOLLY MS Prof Power and Mach

12G E MERVA PhD Asst Prof Hydrol

5JOSEPH MOLITORIZ MS Fruit and Veg Mech

3R J PATTERSON MS Instr

12SVERKER PERSSON PhD Assoc Prof Power and Mach

3R G PFISTER PhD Asst Prof Safety
12L K PICKETT PhD Asst Prof Mach

12B A STOUT PhD Prof Power and Mach

2N D STROMMEN MS Asst Prof Microclimatol

3TRUMAN SURBROOK BS Instr Elec Power

5B R TENNES BS Fruit and Vea Mach

3R G WHITE MS Assoc Prof Power and Mach

5R J WOLTHUIS BS Engin Aid

## Entomology ( Col of Natural Sci)

5280 12G E GUYER PhD Prof and Chmn of Dept

Agua and Vea Insects

2JAMES BATH PhD Asst Prof Ins Vector Plant Dis

12J W BUTCHER PhD Prof For Ins

25R V CONNIN MS Asst Prof Ins Rearing

1R L FISCHER PhD Prof Taxon
1D L HAYNES PhD Asst Prof Pop Ecol 2J R HOFFMAN PhD Assoc Prof Acarol

1ROGER HOOPINGARNER PhD Assoc Prof Physiol

24A J HOWITT PhD Prof Fruit Ins 3R L JANES PhD Prof Field Veg Anim

2J A KNIERIM PhD Asst Prof Nematol

2N C LEELING PhD Asst Prof Toxicol

123E C MARTIN PhD Prof Apic 2R E MONROE PhD Asst Prof Ins Toxicol

2R F RUPPEL PhD Prof Field Crops Ins

3M P SHINKLE PhD Asst Prof Man and Anim Ext 1F W STEHR PhD Asst Prof Ins Ecol

3W E WALLNER PhD Asst Prof Omam Household
25J A WEBSTER PhD Asst Prof Host Plant Resistance

25S G WELLSO PhD Asst Prof Physiol 3P H WOOLEY PhD Prof Fruit Pest Coord

12M J ZABIK PhD Asst Prof Toxicol

### Extension

5290 ADMINISTRATION

3G S MCINTYRE BS Prof and Asst Dean Col of Agr and Natural Resources and Dir Ext

4N P RALSTON PhD Prof

3H L MILLER PhD Assoc Prof Ext Mgt Inform

## FINANCE

3F R FLADSETH MA Budget Asst

## PROGRAM DIRECTORS AND STAFF

(Agriculture)

3R W BELL MS Prof and Asst Dir Agr

3D A CAUL PhD Assoc Prof and Ext Prog Ldr Agr

3F J PEABODY PhD Prog Ldr Agr

(4-H Youth Prog)

3G L BECKSTRAND PhD Prof and Dir 4-H Youth Prog

3J R GILLESPIE MEduc Prog Ldr 4-H Youth Prog

3A M PETERSON MA Assoc Prof Prog Ldr 4-H

3L F ROTHERT MS Prog Asst 4-H Youth Prog

Youth Prog

3W E TEDRICK PhD Prog Ldr 4-H Youth Prog

3M J THOMPSON MA Prog Ldr 4-H Youth Prog

3M AMALIE VASOLD MA Asst Prof Prog Ldr 4-H

Youth Prog

3C H WAMHOFF MS Prog Asst 4-H Youth Prog

3J T WATERSON MS Prog Ldr 4-H Youth Prog

3MARY J E WOODWARD MA Asst Prof and Prog Ldr

4-H Youth Prog

(Family-Living Education)

3Mrs LOIS H HUMPHREY MEduc Prog Dir

Form Liv Educ

3BETTY M KETCHAM MS Prog Ldr Family Living

Educ

3E PEARL WINTERFELDT MS Prog Ldr Fam Living Educ

## Extension-Continued

3Mrs ANNE J WOLFORD MS Prof Ldr Fam Living Educ

(Marketing)

3G T STACHWICK MS Prog Dir Mktg

(Natural Resources)

3E G OLSTROM MS Assoc Prof Prog Dir Natural Resources

### FIELD OPERATIONS

3F A MADASKI MS Assoc Prof and Asst Field Oper Dir

3F J MOLINARE MS Asst Field Oper Dir 3B E MUSGRAVE MS Assoc Prof Asst Field Oper Dir

3G E PARSONS MS Prof Asst Field Oper Dir

INSTITUTION FOR EXTENSION PERSONNEL DEVELOP-MENT

123M E MILLER PhD Asst Prof Dir Inst for Ext Pers Devlomt

3PATRICIA J LaFLAME MS Ext Spec Educ Media for Ext Pers Devipmt

5310

## Food Science

12B S SCHWEIGERT Phi) Prof and Chmn of Dept

Biochem and Nutr Meat Prod

12C L BEDFORD PhD Prof Fruit and Veg Prod

12G A BORGSTHOM PhD Prof Fruit Veg and Fish Prod

12L J BRATZLER MS Prof Meat Prod 12J R BRUNNER PhD Prof Dairy Prod

12L E DAWSON PhD Prof Poultry Prod 12L R DUGAN Jr PhD Prof Lipid Chem

12LG HARMON PhD Prof Dairy Prod

12T I HEDRICK PhD Prof Dairy Prod 12D R HELDMAN PhD Asst Prof Food Engin

12J M JENSEN MS Assoc Prof Dairy Prod 12R V LECHOWICH PhD Assoc Prof Food Microbiol

12PERICLES MARKAKIS PhD Assoc Prof Fruit and Veg Prod

12R A MERKEL PhD Prof Meat Prod

12R C NICHOLAS PhD Assoc Prof Food Engin

12A M PEARSON PhD Prof Meat Prod

23J F PRICE PhD Assoc Prof Meat and Poultry Prod
23A L RIPPEN MS Assoc Prof Dairy Prod
12S H SCHANDERL PhD Assoc Prof Chem Plant Piaments

12C M STINE PhD Prof Dairy Prod

12W M URBAIN PhD Prof Meat Prod and Food Engin

## Home Economics, College of

1JEANETTE A LEE MS Prof and Dean Foods and Nutr 12Mrs PEARL J ALDRICH PhD Prof and Assoc Dean Res Food and Nutr

ROSALIND B MENTZER PhD Prof and Asst Dean Home Econ Educ

1Mrs BEATRICE LEONARDSON MS Coord of Cont Educ Cloth and Text

1Mrs JEAN R PAGE MA Instrand Asst to Dean Home Econ Educ

## FOOD AND NUTRITION

1DENA C CEDERQUIST PhD Prof and Chmn of Dept Nutr

124DOROTHY A ARATA PhD Prof Nutr 3MURIEL S BRINK MS Instr Nutr

1KATHLEEN CUTLER MS Assoc Prof Foods

3Mrs ANITA J DEAN MS Asst Prof Nutr

1Mrs BARBARA B DESKINS MS Instr Foods

1CECILIA A FLORENCIA PhD Instr Nutr

1T F IRMITER PhD Assoc Prof Foods

12OLAF MICKELSEN PhD Prof Nutr

1MARY L MORR MS Asst Prof Foods 13Mrs PORTIA M MORRIS PhD Assoc Prof Nutr

4RACHELLE A SCHEMMEL PhD Asst Prof Nutr

1CHARLOTTE THOMPSON MS Instr Foods

12M G YANG PhD Asst Prof Nutr

14Mrs MARY E ZABIK MS Instr Foods

HOME MANAGEMENT AND CHILD DEVELOPMENT 1BEATRICE PAOLUCCI PhD Prof and Acting Chmn of Dept Home Mat and Child Devlomt

1 MARIELLA AIKMAN MS Nursery Sch Teacher 12R P BOGER PhD Assoc Prof Child Devlpmt

MICHIGAN 5340-5365

Home Economics, College of -Continued

1BERNICE D BORGMAN PhD Prof Child Devlpmt 1Mrs VERA D BOROSAGE PhD Asst Prof Child Devlpmt 1ESTHER EVERETT MA Assoc Prof Home Mgt

23Mrs BARBARA FERRAR MA Instr Home Mat 3 ANNE E FIELD MS Instr Home Mat 1BETTY GARLICK MA Nursery Sch Teacher 1Mrs THELMA D HANSEN MA Instr Home Mgt and Fam Life

1Mrs VERNA HILDEBRAND MA Asst Prof Child Devlomt

1Mrs CAROL Y HOLT MA Instr Child Devlpmt 3MARGARET JACOBSON PhD Asst Prof Fam Life 3LUCILE KETCHUM MA Assoc Prof Home Mat and Fam Econ

1R L LANCE MA Instr Fam Life and Child Devlomt 1PHYLLIS LUECK MS Instr Child Devlpmt

124Mrs FRANCES K MAGRABI PhD Assoc Prof Fam Econ 1CHARLOTTE McCARTY MA Instr Child Devlpmt 1DONALD MELCER PhD Assoc Prof Child Devlomt 1Mrs ELEANOR MORRISON MA Instr Parent Educ 1Mrs BARBARA J NEWSOM MA Instr Child Devlpmt 13E O PEISNER EdD Prof Fam Life 1Mrs JESSIE PINCH MA Instr Child Devlpmt 3Mrs ANNETTE SCHAEFFER MS Instr Home Mat 12Mrs M JEAN SCHLATER PhD Assoc Prof Home Mat 1Mrs CAROL W SHAFFER PhD Assoc Prof Home Mat

## INSTITUTION ADMINISTRATION

IKATHERINE M. HART MS Prof and Chmn of Dept Inst Admin

12KAYE FUNK PhD Asst Prof Inst Admin 13GLADYS E KNIGHT MS Assoc Prof Inst Inst Admin 1JEAN A MCFADDEN EdS Asst Prof Inst Admin 12GRACE A MILLER PhD Prof Inst Admin 1ELAINE M MISHLER MS Asst Prof Dormitory Food Serv

TEXTILES CLOTHING AND RELATED ARTS 1MARY L GEPHART EdD Prof and Chmn of Dept Cloth

1Mrs NIXOLA F BAYLE MA Instr Relat Arts 3MARGARET A BOSCHETTI MS Instr Cloth and Text 1R D BULLARD MFA Asst Prof Int Design 12ANNA M CREEKMORE PhD Assoc Prof Cloth 1Mrs VIRGINIA S DORN MS Asst Prof Cloth and Text 12Mrs JOANNE B EICHER PhD Asst Prof Cloth Socio-Cultural

1KAREN E ENGEL MA Instr Retail Cloth and Text INORMA J FRANK MS Instr Relat Arts 1Mrs NANCY G HARRIES MS Instr Cloth and Text 1SUE HUNDLEY MA Instr Cloth and Text 3BERNETTA G KAHABKA MS Assoc Prof Cloth and

3Mrs MARY G KLAASEN MA Instr Cloth
1Mrs GRACE R MARTIN BS Spec Design and Crafts
3Mrs JEAN E McCLUNG MA Instr Cloth and Text 1DEMETRA MEHAS MEd Asst Prof Retail Cloth and

1Mrs BONNIE M MORRISON MA Instr Int Design 1Mrs ELINOR R NUGENT PhD Assoc Prof Hist Costume and Cloth

12GERTRUDE NYGREN PhD Prof Housing and Relat

1Mrs KATHRYN J RIEDEL MS Instr Text 1MARY A SHIPLEY MA Assoc Prof Int Design 1Mrs STEPHANIA B WINKLER MA Asst Prof Cloth and Text

Horticulture

5350

1H J CAREW PhD Prof and Chmn of Dept

2R L ANDERSEN PhD Asst Prof Genet and Plant Brda Pomol

2L R BAKER PhD Asst Prof Plant Brda Vea 12M J BUKOVAC PhD Prof Plant Physiol (Pomol) 2R F CARLSON PhD Prof Pomol Rootstocks

23W H CARLSON PhD Asst Prof Plant Physiol Flor

12R L CAROLUS PhD Prof Nutr and Water Relat Physiol Veg

123HAROLD DAVIDSON PhD Assoc Prof Plant Physiol Landsc Hort

Horticulture-Continued

12A A DEHERTOGH PhD Asst Prof Biochem and Bulb Physiol Flor

12F G DENNIS Jr PhD Assoc Prof Plant Physiol Pomol 123D H DEWEY PhD Prof Post Harvest Physiol Pomol 123D R DILLEY PhD Prof Post Harvest Physiol Pomol

23J D DOWNES PhD Assoc Prof Nutr Physiol Veg

12D A DUNBAR MA Instr Flor

1F. R EMINO MS Instr Flor

1FRED FREEMAN PhD Asst Prof Curator Hidden Lake Gardens (PO Tipton)

2H P GASTON MS Asst Prof Harvest Mech Pomol 23R C HERNER PhD Asst Prof Post harvest Physiol Vea 2SHIGEMI HONMA PhD Prof Genet and Plant Brdg Vea 23JEROME HULL Jr PhD Assoc Prof Pomol

2STANLEY JOHNSTON MS Prof and Supt South Haven Expt Sta (PO South Haven) Genet and Plant Brda Pomol

12A L KENWORTHY PhD Prof Nutr Physiol Pomol

1G M KESSLER PhD Asst Prof Pomol 23R P LARSEN PhD Prof Pomol

1C E LEWIS MS Prof Landsc Hort

12R A MECKLENBURG PhD Asst Prof Plant Physiol Landsc Hort

123A E MITCHELL PhD Prof Plant Physiol Pest Control Pomol

12J E MOULTON PhD Assoc Prof Genet and Plant Brdg Pomol

3C W NICKLOW PhD Assoc Prof Veg Crops

23A R PUTNAM PhD Asst Prof Plant Physiol Herb 12H P RASMUSSEN PhD Asst Prof Plant Physiol

Landsc Hort 12S K RIES PhD Prof Plant Physiol Herb

12K C SINK Jr PhD Assoc Prof Genet and Plant Brda Flor

13J L TAYLOR PhD Assoc Prof Youth Prog 12S H WITTWER PhD Prof Plant Physiol Veg

Information Services

5355

1W L TREASTER BS Prof and Chmn of Dept 2MARK T ALLEN BS Expt Sta Pub Ed 3DON A CHRISTENSEN DA Ext Mktg Ed 2PHILIP G COLEMAN MS Expt Sta Photoa 23KENNETH M FETTIG BS Ext Expt Sta Asst Pub Ed 3D E GREGG MA Ext Pub Ed 23JOSEPH J MARKS MA Ext Expt Sta Project Ldr 3JUDITH A PROCHNOW BS Ext Fam Living Ed 2EDWARD L RAZINSKY MA Exot Sta Res Ed 3EARL C RICHARDSON MS Assoc Prof Agr Ed 3FRED D TROST BA Fixt Natural Resources Ed

## Institute of Agricultural Technology

5360

1H J ECKER PhD Prof and Dir Inst of Agr Technol 1R G LaPRAD MS Asst Prof Agr Educ

Institute of International Agriculture

5362

1KIRK LAWTON PhD Prof and Dir Inst of Internatl Aar and Coord Argentine Proj Soil Sci

1HAROLD RILEY PhD Prof and Assoc Dir Inst of Internati Agr Agr Econ

Natural Resources ADMINISTRATION 5365

1H A TANNER PhD Prof and Dir of Natural Resources Zool

FISHERIES AND WILDLIFE

1PITACK PhD Prof and Chmn of Dept Zool Ichthyol E.col

1R C BALL PhD Prof Limnol Ecol

3R W GEORGE PhD Asst Prof Ext Spec Conserv 4-H Soil Conserv

12L W GYSEL PhD Assoc Prof Ecol For 2H E JOHNSON PhD Asst Prof E∞l Physiol

12N R KEVERN PhD Asst Prof Limnol 23V A KNUDSON MS Asst Prof Ext Spec Aquatic Weed

Control 6C D McNAbB PhD Assoc Prof Limnol Ecol 1G W MOUSER PhD Assoc Prof Conserv Biol

1G A PETRIDES PhD Prof and Zool Ecol Zool

5365-5430 MICHIGAN

Natural Resources\_Continued

12H H PRINCE PhD Asst Prof Ecol 1E W ROELOFS PhD Prof Ecol Biol 1M E STEPHENSON PhD Asst Prof Environ Sci

FOREST PRODUCTS

12E A BEHR PhD Prof Wood Sci 2M R HAROLD MS Instr Wood Sci 3H A HUBER MS Assoc Prof Wood Sci 1W B LLOYD MS Prof Mktq 12A W SLIKER PhD Assoc Prof wood Sci 12OTTO SUCHSLAND PhD Assoc Prof Wood Sci 1A E WYLIE Prof Indus Engin

#### FORESTRY

12L M JAMES PhD Prof and Chmn of Dept For Econ 3L E BELL MS Prof For Ext 12J N BRIGHT BSF For Fred Russ For (PO Decatur) 1L A CARTER MS Asst Prof For Fire Protection 12M W DAY MS Asst Prof and Supt Dunbar For (PO Sault Ste Marie ) 2J W HANOVER PhD Assoc Prof Tree Physiol

1R K HUDSON PhD Asst Prof Silvic 12J J KIELEASO MS Instr Arboricult 3M R KOELLING PhD Asst Prof For Ext

12W A LEMMIEN MS For W K Kellogg For (PO Augusta)

12R SMANTHY PhD Asst Prof For Econ 12R J MARTY PhD Assoc Prof For Econ 12V J RUDOLPH DF Prof For Mat 12GERHARDT SCHNEIDER PhD Assoc Prof For Ecol 3R E SKOG MF Assoc Prof For Ext (PO Marguette) 12DP WHITE PhD Prof For Soils and Hydrol 12J W WRIGHT PhD Prof For Genet

### PACKAGING

1J W GOFF PhD Prof and Dir Packaging 12H E LOCKHART PhD Asst Prof Packaging 1D L. OLSSON PhD Asst Prof Packaging 1S R PIERCE MS Instr Packaging 12H L RAPHAEL PhD Prof Packaging

RESOURCE DEVELOPMENT

1RALEIGH BARLOWE PhD Prof and Chmn of Dept 12D E CHAPPELLE PhD Assoc Prof Regional Sci 12MICHAEL CHUBB PhD Asst Prof Park Admin 23ECKHART DERSCH PhD Asst Prof Water Mgt 3E F DICE EdD Asst Prof Area Devlpmt 3R G HILL MS Prof Soil and Water Conserv 12C R HUMPHRYS PhD Prof Water Resource Devlpmt 13W J KIMBALL PhD Prof Area Devlpmt 23L L LEIGHTY JD Asst Prof Land Use 2A A SCHMID PhD Assoc Prof Land Econ

Poultry Science 123H C ZINDEL EdD Prof and Chmn of Dept Avian Mat 23R J AULERICH PhD Asst Prof Fur Anim 12L R CHAMPION PhD Prof Avian Genet 12T H COLEMAN PhD Prof Avian Genet and Mgt 12J A DAVIDSON BS Prof Avian Proc and Mgt 2MARTHA H DeWEES BS Tech Avian 5R B EWING BSA BS Biolog Illus 5Mrs JEAN A FAY BS Tech Biolog Lab 23C J FLEGAL PhD Asst Prof Avian Nutr 2S J HULKONEN Tech Genet 5A M LUCAS PhD Prof Avian Anat 2Mrs SANDRA L PANGBORN Tech Avian Physiol 12R K RINGER PhD Prof Avian Physiol 12P J SCHAIBLE PhD Prof Nutr 7G B SCOTT BS Exec Secy of Mich Allied Poultry Indus 36C C SHEPPARD PhD Assoc Prof Avian Mat 5P R STETTENHEIM PhD Asst Prof Avian Anat 2N L WILCOX BS Tech Nutr

5380 Radio

23J H WOLFORD PhD Asst Prof Avian Physiol

1R K ARNOLD BA Form Ed WKAR AM and WKAR FM Radio--WMSB TV 1R D ESTELL BA Mar WKAR AM and WKAR FM Radio Radio-Continued

1Mrs MARY JANE MILTGEN BA Women's Ed WKAR AM and WKAR FM Radio 1Mrs MARY JANE FARNESS BA Women's Ed WKAR AM

and WKAR FM Radio

5410

Sociology (Social Sci) 1W A FAUNCE PhD Prof and Chmn of Dept 1B O ANDERSON PhD Prof Social Strata

1J W ARTIS PhD Prof Organ Methodol 12J A BEEGLE PhD Prof Pop Change 1W B BROOKOVER PhD Prof Educ Social 12H M CHOLDIN PhD Asst Prof Demography 1T L CONNER PhD Asst Prof Expt Social 1W L EWENS PhD Asst Prof Social Psychol 1B M FINIFTER MA Asst Prof Social Psychol TW is FORM PhD Prof In als 1D L GIBSON PhD Prof Res Methods 1J T GULLAHORN PhD Prof Methodol 1C R HOFFER PhD Prof Community Devlomt 1J C HOWELL Phl) Assec Prof Social Organ 12H H KARP MA Asst Prof Ecol 1K D KELLY PhD Asst Prof Deviancy 1H E LEE PhD Asst Prof Res Methods 12C P LOOMIS PhD Prof (Res) Social Theory 12S G LOWRY PhD Prof and Assoc Chmn Community Oram 1P K MANNING PhD Asst Prof Med Sociol 1P M MAPCUS PhD Assoc Prof Indus 1J B MCKEE PhD Prof Polit Sociol 1J H McNAMARA PhD Assoc Prof Devicency
12D E MORRISON PhD Assoc Prof Methodol 1D W OLMSTED PhD Prof Social Psychol 1HARRY PERLSTADT PhD Asst Prof Complex Ora 1V J SALVO PhD Asst Prof Indus 12CHRISTOPHER SOWER PhD Prof Organ Theory 1G D TROUT MA Asst Prof Urban Social 1JOHN USEEM PhD Prof Cross-Cult Relat 1F B WAISANEN PhD Prof Social Psychol

5420

Soil Science 1R L COOK PhD Prof and Chmn of Dept Soil Fert and Mat 2D A ADDISON PhD Res Assoc Soil Microbiol 23D R CHRISTENSON PhD Asst Prof Soil Fert Mat 12J F DAVIS PhD Prof Soil Fert Mat

23E C DOLL PhD Prof Soil Fert Mgt 12R L DONAHUE PhD Prof Soil Fert Mgt

1EARRY WEDE MA Asst Prof Polit Sociol

2H E DONER PhD Res Assoc Soil Chem 12B G ELLIS PhD Prof Soil Fert Mat Soil Chem

12A E ERICKSON PhD Prof Soil Chem Soil Phys 12H D FOTH PhD Prof Soil Fert Mat Soil Genesis Classif

and Mapping 2F G GAST PhD Res Assoc Soil Chem

12B D KNEZEK PhD Asst Prof Soil Fert Mgt and Soil

Chem

2R J KUNZE PhD Assoc Prof Soil Chem 13R E LUCAS PhD Prof Soil Fert Mgt

12M M MORTLAND PhD Prof Soil Chem Phys Chem

12P E RIEKE PhD Assoc Prof Soil Fert Mat 123L S ROBERTSON PhD Prof Soil Fert Mgt

12I F SCHNEIDER BS Assoc Prof Soil Genesis Classif and Mapping

13J C SHICKLUNA PhD Assoc Prof Soil Fert Mgt Soil Chem

12J M TIEDJE PhD Asst Prof Soil Microbiol 23M L VITOSH PhD Asst Prof Soil Fert Mat

12E P WHITESIDE PhD Prof Soil Genesis Classif and Mapping

12A R WOLCOTT PhD Prof Soil Bact

Veterinary Medicine, College of

5430

1W W ARMISTEAD DVM PhD Decon of Col 1J P NEWMAN DVM MPH Prof Microbiol and Public Health and Asst Dean of Col for Resident Instr 3C F REED DVM MS Assoc Dean of Col for Cont Educ and Ext

5430-5440 MICHIGAN

# Veterinary Medicine, College of-Continued

ANATOMY

1B E WALKER MD PhD Prof and Chmn of Dept 1J A BOLLERT MS Instr Anat

1M LOIS CALHOUN DVM PhD Prof Anat

1R E CARROW PhD Asst Prof Anat 1ROBERT ECHT MS Instr Anat

1A L FOLEY MD PhD Assoc Prof Anat

1L B GERCHMA: MS Instr Andt 1D E HAINES MS Instr Andt

1T W JENKINS PhD Assoc Prof

1L. A JULIUS DVM Instr Anat

1M S KOURA BVSc MSc Instr Anat

1C J MCKINLEY MS Instr Anat

1L R MONTGOMERY DVM Assoc Prof Anat

1R A NOTZOLD PhD Asst Prof Anat

1Mrs ESTHER M SMITH (BROWN) PhD Prof Anat and Dir Sch of Med Technol

1A W STINSON DVM MS Assoc Prof Anat

1J B THOMAS PhD Assoc Prof Anat

1C W TITKEMEYER DVM PhD Prof Anat

1C W WELSCH PhD Asst Prof Anat

## MICROBIOLOGY AND PUBLIC HEALTH

12PHILIPP GERHARDT PhD Prof and Chmn of Dept 1R C BELDING DVM PhD Assoc Prof Microbiol

1E S BENEKE PhD Prof Mycol

12D H BING PhD Asst Prof Immunol

1R R BRUBAKER PhD Asst Prof Bact
5B R BURMESTER PhD Prof Virol

12G R CARTER DVM DVSc Assoc Prof Microbiol

16R M CORWIN PhD Asst Prof Parasital

12R N COSTILOW PhD Prof Microbiol

12H W COX PhD Assoc Prof Parasital

12C H CUNNINGHAM DVM PhD Prof Virol

12IL DAHLJELMS MS Asst Prof Bact

1G W ESCH PhD Asst Prof Parasitol 12R W HINZ PhD Assoc Prof Virol

12PETER HIRSCH PhD Assoc Prof Microbiol

1W N MACK PhD Prof Virol

1Mrs VIRGINIA H MALLMANN PhD Asst Prof Bact

1N B McCULLOUGH PhD MD Microbiol and Med

1R J MOON PhD Instr Eact

1F R PEABODY PhD Assoc Prof Bact

12M A RICHARDSON PhD Assoc Prof Bact

12H L SADOFF PhD Prof Bact

12C L SAN CLEMENTE PhD Prof Bact

1EVELYN SANDERS Ph.D Assoc Prof Bact

6R M SCHERRER MD Asst Prof Bact

12D E SCHOENHARD PhD Prof and Asst Chmn of Dept Bact

12J T STALEY PhD Instr Bact
12J M TIEDJE PhD Asst Prof Microbiol
1D W TWOHY DSc Asst Prof Parasitol

## PATHOLOGY

1 C C MORRILL DVM PhD Prof and Chmn of Dept Path

1R A BROOKS MS Instr Med Technol

12B R CHRISTIE BVSc MS Senior Grad Asst Path

7J R CIPPARONE MD Assoc Clin Prof Human Path

1D F COWAN MD Asst Prof Path Anim Behavior Compar Path

7E S FEENSTRA DVM PhD Assoc Prof Toxicopath

12J A GODU DVM MVM Senior Grad Asst Path

7STANLEY KATLEIN MD Asst Clin Prof Human Path

1K K KEAHEY DVM PhD Prof Diag Path

6R J KOCIBA DVM Senior Grad Asst Path 1R F LANGHAM DVM PhD Prof Path

1A E LEWIS MD MA Prof Human Path

IR L MICHEL DVM PhD Asst Prof Clin Path

5DIBAKAR PANIGRAHI BVScAH MS Senior Grad Asst

1C H SANDER MD Asst Prof Human Path

12V L SANGER DVM PhD Prof Path 12S D SLEIGHT DVM PhD Prof Path

1A L TRAPP DVM PhD Assoc Prof Diag Path

1R W VAN PELT Jr DVM PhD Assoc Prof Diag Path

7L W WALKER MD Assoc Clin Prof Human Path 12G L WAXLER DVM PhD Prof Path

12C K WHITEHAIR DVM PhD Prof Nutr Path

## Veterinary Medicine, College of-Continued

1D L WHITENACK DVM Instr Diag Path 6HANS WINTER DVM DSc Prof Clin Path

5R L WITTER DVM PhD Asst Prof Avian Leukosis

## PHARMACOLOGY

1T M BRODY PhD Prof and Chmn of Dept 1TAI AKERA MD Asst Prof Pharmacol

1C F CAIRY DVM MS Prof Pharmacol

1G L GEBBER PhD Asst Prof Pharmacol

1J B HOOK PhD Asst Prof Pharmacol

1J H McNEILL PhD Asst Prof Pharmacol

1K E MOORE PhD Assoc Prof Pharmacol
1D A REINKE PhD Asst Prof Pharmacol

## PHYSIOLOGY

1F J HADDY MD PhD Prof and Chmn of Dept

1W D COLLINGS PhD Prof and Assoc Chmn of Dept 1THOMAS ADAMS PhD Assoc Prof Physiol

1C C CHOU MD PhD Asst Prof Physiol 1D L CLAYTON PhD Instr Physiol Anim Behavior Zool

1J M DABNEY PhD Assoc Prof Physiol

1R M DAUGHERTY Jr MD PhD Assoc Prof Physiol and Med

IT E EMERSON Jr PhD Assoc Prof Physiol IWL FRANTZ PhD Assoc Prof Physiol

12P O FROMM PhD Prof Physiol

18 R HEISEY ScD Assoc Prof Physiol Respiration Physiol

12J R HOFFERT PhD Asst Prof Physiol

1R F JOHNSTON DVM PhD Assoc Prof Physiol

12JOSEPH MEITES PhD Prof Physiol

12J E NELLOR PhD Prof Physiol

1H W OVERBECK MD PhD Assoc Prof Physiol and Med

12E P REINEKE PhD Prof Physiol

1D A REINKE PhD Asst Prof Physiol and Pharmacol 12G D RIEGLE PhD Asst Prof Physiol

1J M SCHWINGHAMER PhD Asst Prof Physiol

1J B SCOTT Jr PhD Assoc Prof Physiol 1B H SELLECK PhD Asst Prof Physiol Kidney Physiol

1J R STIEFEL MS Assoc Prof Physiol 12L F WOLTERINK PhD Prof Physiol

# VETERINARY SURGERY AND MEDICINE

IW F KELLER DVM MS Assoc Prof and Acta Chmn of

Dept 1W S ADAM PhD Asst Instr Surg and Med

12C C BECK DVM MS Assoc Prof Surg and Med

6C A BOWLES MS Asst Instr Vet Surg and Med

1W O BRINKER DVM MS Prof Vet Surg and Med
16G H CONNER DVM PhD Prof Vet Surg and Med and

Dir Grad Study and Res 1J B DALLEY DVM Asst Prof Vet Surg and Med

1A R DRURY DVM MS Asst Prof Vet Surg and Med 1D J ELLIS DVM MS Assoc Prof Vet Surg and Med

and Dir of Farm Vet Serv 1G E EYSTER DVM Instr Vet Surg and Med

IGRETCHEN FLO DVM Instr Vet Surg and Med

1C G GRANT DVM Instr Vet Surg and Med 16B N GUPTA DVM Instr Vet Surg and Med

16C L HATHAWAY PhD Asst Prof Vet Surg and Med

1D A HENSHAW DVM Instr Vet Surg and Med 12R W HINZ PhD Assoc Prof Vet Surg and Med

1JOSEPH KASHNER DVM Instr Vet Surg and Med

1R E KREEGER DVM Instr Vet Surg and Med 1J D KREHBIEL DVM Instr Vet Surg and Med

1R M McGOVNEY DVM Instr Vet Surg and Med

1L R MONTGOMERY DVM Assoc Prof Vet Surg and Med

16J A MOORE DVM MS Asst Prof Vet Sura and Med 1U V MOSTOSKY DVM MS Assoc Prof Vet Sura and Med 1F H OBERST DVM MS Prof Vet Surg and Med

1JUNE PLATT DVM Asst Instr Vet Surg and Med 1W F RILEY Jr DVM MS Prof Vet Sura and Med
1R G SCHIRMER DVM MS Prof Vet Sura and Med and

Dir of Small Anim Clin 1P J TILLOTSON DVM Instr Vet Sura and Med 1D S TRIBBY DVM MPH Instr Vet Sura and Med

1R D WHIPPLE DVM Instr Vet Surg and Med

Wildlife and Fisheries 5455 Miscellaneous 5440 IN F SLOAN PhD Asst Prof For Ent 1R C CHAPIN PhD Dir of Librs 3J T COX MLA Assoc Prof Landsc Ext 1H M STEINHILB MS Prof For Prod 2G C LUEHRS MA Budget Asst (Expt Sta) 1F E SMITH PhD Prof Natural Resources and Chmn Dent 5450 IJ E BARDACH PhD Prof Fish Substations 1A B COWAN PhD Assoc Prof Wildlife Mgt 1F F HOOPER PhD Prof Fish Dunbar For Expt Sta (PO Sault Sainte Marie) 12M W DAY MS Asst Prof and Supt Graham Hort Expt Sta (2989 Lake Michiaan Dr NW Grand 1G S HUNT PhD Assoc Prof Wildlife Mat Ramids) 1J A KADLEC PhD Assoc Prof Wildlife Mgt and Fish 1K F LAGLER PhD Prof Fish 2JOHN GILMORE Supt Hidden Lake Gardens (F O Tipton)

1F W FREEMAN MS Asst Prof and Curator 1D R MC CULLOUGH PhD Asst Prof Wildlife Mat 1J T MC FADDEN PhD Assoc Prof Fish Lake City Expt Sta (PO Lake City) 2ROBERT DEBOER Foreman The Department of Forestry, Institute of Wood Research, South Haven Hort Expt Sta (PO South Haven) Michigan Technological University, Houghton 49931 2STANLEY JOHNSTON MS Prof and Supt Upper Penisula Expt Str (PO Chatham) 1College Staff 5Coop USDA 23CHARLES LITTLE MS Asst Prof and Supvr W K Kelloga Sta (PO Augusta) 5456 1H F WEBSTER MS Supt 1R L SMITH PhD Pres of Univ (906-482-1600 Ext 201) 1D W STEBBINS PnD Vice Pres of Academic Affairs School of Natural Resources, the University of (906 482-1600 Ext 211) Michigan, Ann Arbor 48104 1T P EVANS ME Dir of Res (906-482-1600 Ext 461) 5451 Forestry 1R W FLEMING LLB Pres Univ (313-764-6270) 15G A HESTERBERG PhD Prof For Path and Dept Head 1R K ARNOLD PhD Dean Natural Resources (313-764-(906-482-1600 Ext 344) 2550) 1C R CROWTHER MS Assoc Prof Silvic 1S H SPURR PhD Dean Grad School IV W JOHNSON MS Prof For Mat 1EA; H WOODMAN MF Asst to Dean and Asst Prof Natu-1P S JOHNSON PhD Asst Prof Silvic ral Resources 1W W MOSCHLER Jr MS Instr Wood Sci 1W K PIERPONT PhD Vice Pres Bus and Finance 1LAWRENCE RAKESTRAW PhD Prof For Hist 1A G NORMAN PhD Vice Pres Res 1R L SAJDAK MS Instr Dendrol
1N F SLOAN PhD Asst Prof I'or Ent 5452 Forestry 1H M STEINHILB MS Prof For Prod 1F B KNIGHT DF Prof For and Chmn of Dept 1W R WYND MS Instr For Econ 1B V BARNES PhD Assoc Prof For IJ R BASSET PhD Assoc Prof For 1G P BRUNEAU MWT Asst Prof Wood Sci and Wood Research 5458 Technol 1HERFORD GARLAND PhD Prof and Dir (906-482-1600 1JOHN CAROW MF Prof For Ext 284) 1B L DRIVER PhD Asst Prof For 1C W DANIELSON BS Asst Prof Wood Res IN C FRANZ PhD Assoc Prof Wood Sci and Technol 1T K DRESSEL BS Asst Prof Wood Res 1B A HAATAJA BS Asst Prof Wood Res 1J F HAMILTON MF Assoc Prof Wood Res 1G R GREGORY PhD Prof Resource Econ 1A A MARRA PhD Prof Wood Sci and Technol 1H L MORTON PhD Asst Prof For 1H S OLSON MS Assoc Prof Wood Res IC E OLSON MF Lect For 1S B PRESTON DF Prof Natural Resources
1S R TOCHER MF Lect For 5459 Miscellaneous 1M V KRENITSKY MA Dir of Librs (906-482-1600 1H K TOWNES PhD Prof Ent Ext 500) 1ROBERT ZAHNER PhD Prof For 5460 Substation 5453 Ford Forestry Center, L'Anse 49946 Landscape Architecture 1E ABOURDO PhD Prof and Dir (906-524-3236) 1W L CHAMBERS MLA Prof Landsc Arch and Chmn 1J A JOHNSON BS Asst Prof Silvic Dept 1JAMES METEER MSF Asst Prof For Mgt 1C W CARES Jr MLA Prof Landsc Arch 1L M HACKENBERG MLA Lect Landsc Arch 1R L ROGGE BS Admin Asst IR E HANSON Jr MLA Asst Prof Landsc Arch
IC D JOHNSON BSLA Prof Landsc Arch
IW J JOHNSON MLA Prof Landsc Arch 1S G SHETRON PhD Asst Prof Soils ISANDRA G KEBBE MLA Asst Prof Landsc Arch 1K J POLAKOWSKI MLA Prof Landsc Arch MINNESOTA 1H W PORTER Jr MLA Assoc Prof Landsc Arch 1E A SVENSON PhD Assoc Prof of Design and Planning Institute of Agriculture (College of Agriculture, Forestry, Home Economics; the Agricultural Experiment Station; 5454 and the Agricultural Extension Service) and College of Resource Planning and Conservation Biological Sciences and College of Veterinary Medicine of 1J W LEONARD PhD Prof Natural Resources and Chmn the University of Minnesota, St. Paul 55101 Dept 1S A CAIN PhD Prof Conserv 1C F COOPER PhD Assoc Prof Nat Resources Ecol
1L E CRAINE PhD Prof Conserv 1College Staff 2Station Staff 3Extension Staff

1W D DRAKE PhD Assoc Prof Nat Resources 1R D DUKE PhD Prof Regional Planning 1S W HAVLICK PhD Asst Prof Conserv

1S D MARQUIS MS Assoc Prof Resource Planning 1D N MICHAEL PhD Prof Nat Resources

1D F KIEL MA Lect Resource Planning 1R A LUKEN PhD Lect Conserv

IW B STAPP PhD Assoc Prof Conserv

15L W TOMBAUGH MF Lect Conserv

4Leave of Absence 5Coop USDA 6International Program Staff

5465

123M C MOOS PhD Pres of Univ (PO Minneapolis) 123S O BERG PhD Dean of the Inst of Agr (612-647-3214) 123H J SLOAN PhD Assoc Dean of Inst of Agr 123,J L APP PhD Asst to Dean 12W F HEUG Jr PhD Dir of Sta (612-647-3218) 12A J LINCK PhD Asst Dir of Sta

12C L WILCOX PhD Asst Dir of Sta 3R H ABRAHAM PhD Dir of Agr Ext (612-647-3931) 1K N McFARLAND PhD Dir of Resident Instrand Asst Dean of Col of Aar For and Home Econ (612-647-3220)

12W TS THORP DVM MS Deam of Col of Vet Med (612-647-3241)

12R K ANDERSON DVM MPH Prof and Assoc Dean of Vet Med

4JOHN BLACKMORE PhD Prof and Dir Internatl Aar Prog (612-647-3764)
23C T JOHNSON BBA Asst Vice Pres and Treas of

Sta (PO Minneapolis)

5470

Agronomy and Plant Genetics
12H W JOHNSON PhD Prof and Head of Dept
125R N ANDERSEN PhD Assoc Prof and Agron Weed Physiol

12RICHARD BEHRENS PhD Prof Weed Physiol 12CARL BORGESON MS Assoc Prof Seed Increases 12W A BRUN PhD Assoc Prof and Crop Physiol

12C R BURNHAM PhD Prof Cytogenet 12V B CARDWELL PhD Asst Prof and Crop Physiol 125V E COMSTOCK PhD Assoc Prof and Agron Flax Brdg and Genet

2A L DARWENT MS Res Fellow Weed Physiol 12L J ELLING PhD Prof Alfalfa Brdg and Genet 5J H FORD MS Agron Flax Brdg

125R E HEINER PhD Asst Prof and Genet Wheat Brdg and Genet

13D R HICKS PhD Asst Prof and Ext Spec 12R A KLEESE PhD Assoc Prof Biochem and Physiol

Genet 12J W LAMBERT PhD Prof Soybean Brdg and Genet

124G C MARTEN PhD Assoc Prof and Agron Forage Util 13G R MILLER PhD Assoc Prof and Ext Spec

12D N MOSS PhD Prof and Crop Physiol

13E A OELKE PhD Asst Prof and Ext Spec
12L C OLSON PhD Asst Prof Nitrogen Metabolism
13H J OTTO PhD Prof and Ext Spec
2R H PETERSON BS Res Fellow Corn Brdg
12B L PHILLIPS PhD Asst Prof Cytogenet

12D E POLSON PhD Asst Prof Soybean Genet 12D C RASMUSSON PhD Prof Barley Brdg and Genet

12R G ROBINSON PhD Assoc Prof Crop Prod 12A R SCHMID PhD Assoc Prof Pasture Eval and Crop

Prod

4J C SENTZ PhD Assoc Prof Corn Brdg and Genet 12L H SMITH PhD Prof Crop Physiol

20 D SMITH MS Res Fellow Oat Brdg

130 E STRAND MS Instrand Asst Ext Agron

12R E STUCKER PhD Asst Prof Corn Brdg and Genet
12D D STUTHMAN PhD Asst Prof Oat Brdg and Genet

12H L THOMAS PhD Assoc Prof Forage Brdg and Genet

Animal Science 5480

125C L COLE PhD Prof and Head of Dept 12C E ALLEN PhD Asst Prof Meat Sci

3R L ARTHAUD PhD Prof Ext Swine Nutr and Mat

23R W BERG PhD Prof and Ext Spec Poultry Genet

12W J BOYLAN PhD Assoc Prof Anim Brdg and Genet 12W H BURKE PhD Asst Prof Physiol

3C J CHRISTIANS PhD Assoc Prof Ext Anim Brdg

3B J CONLIN PhD Asst Prof Ext Dairyman

2B G CRABO DVM PhD Res Fellow Physiol

124J D DONKER PhD Prof Ruminant Nutr 3R W ERICKSON MS Instrand Asst Ext Dairyman

2E C FREDERICK PhD Prof and Supt Southern Expt Sta 12R D GOODRICH PhD Assoc Prof Ruminant Nutr

12E F GRAHAM PhD Prof Physiol

12R S GRANT MS Prof Dairy Mgt

3M L HAMRE PhD Assoc Prof and Ext Spec Poultry Prod(s)

12L E HANSON PhD Prof Anim Nutr and Environ 12A G HUNTER PhD Assoc Prof Physiol

3R E JACOBS MS Prof Ext Beef and Sheep Nutr and Mat

12R M JORDAN PhD Prof Ruminant Nutr and Mgt 2L M KRISTA PhD Res Fellow Nutr

Animal Science-Continued

2G D MARX PhD Asst Prof Physiol

12R J MEADE PhD Prof Anim Nutr

12J C MEISKE PhD Assoc Prof Ruminant Nutr and Mat

12G E MILLER PhD Asst Prof Physiol 3J W MUDGE PhD Assoc Prof Ext Dairyman

12J W NORDSTROM PhD Asst Prof Anim Nutr

12D E OTTERBY PhD Assoc Prof Ruminant Nutr

12R E PHILLIPS PhD Assoc Prof Physiol

12W E REMPEL PhD Prof Anim Brdg and Genet

2J W RUST PhD Asst Prof Ruminant Nutr

12R N SHOFFNER PhD Prof Genet

12J D SMITH PhD Asst Prof Anim Nutr 12G M SPEERS PhD Asst Prof Poultry Nutr and Mat

13T F TRAIL PhD Asst Prof Anim Husb

12W R USBORNE PhD Asst Prof Meat Sci

12P E WAIBEL PhD Prof Poultry Nutr

3R W WAYNE MS Prof Ext Dairyman

2C L WILCOX PhD Prof and Asst Dir Expt Sta 12J B WILLIAMS PhD Prof Anim Nutr and Mat

12C W YOUNG PhD Assoc Prof Dairy Cattle Brda

Biochemistry (Col of Biol Sci)

5490

12L M HENDERSON PhD Prof and Head of Dept 12J S ANDERSON PhD Asst Prof Enzymes Cell Biol 12P J CHAPMAN PhD Asst Prof Bacterial Metabolism 12STANLEY DAGLEY DSc Prof Bacterial Metabolism

12J E GANDER PhD Prof Enzymol

12R L GLASS PhD Assoc Prof Cereal Chem

12H O HALVORSON PhD Prof Bacterial Biosynthesis 12ROBERT JENNESS PhD Prof Dairy Chem

12SAMUEL KIRKWOOD PhD Prof Enzymes Polysaccharide Structure

12DOLPH KLEIN PhD Asst Prof Microbiol

12I E LIENER PhD Prof Proteins Enzymes 12R E LOVRIEN PhD Asst Prof Phys Biochem

12W O LUNDBERG PhD Prof Lipid Structure

1 2H K MANGOLD PhD Prof Lipid Chem 12HERMANN SCHLENK PhD Prof Lipid Metabolism

12M O SCHULTZE PhD Prof Anim Nutr Metabolism

12H R WARNER PhD Assoc Prof Nucleic Acids Viruses

Economics (Agr)

5520

123V W RUTTAN PhD Prof and Head of Dept 170A AL-ZAND MS Res Ass∞c Agr Devlpmt 15W E ANTHONY PhD Asst Prof Mktg

130 U BLANK PhD Prof Recreation

13H M BJERKE BBA Asst Prof Form Mot
12W K BRYANT PhD Assoc Prof Form Income and Prices

12MARGUERITE C BURK PhD Prof Consumption Econ

15B M BUXTON PhD Asst Prof Prod Econ

13M K CHRISTIANSEN PhD Assoc Prof Dairy Mktg 13C H CUYKENDALL PhD Asst Prof Form Mgt

123D C DAHL PhD Ass∞ Prof Mktg and Law

124R P DAHL PhD Prof Agr Devlpmt 12T E DAVES MS Res Fellow Resource Econ

13K E EGERTSON MS Instr Livestock Mktg

127S A ENGENE PhD Prof Act Devlpmt
12R E EVENSON MS Asst Prof Technol Change

12D F FIENUP PhD Prof Agr Devlpmt

12W L FISHEL MS Res Assoc Prod Econ and Syst Anal 13L W FITZGERALD PhD Assoc Prof Form Mot

12J W HAMMOND PhD Asst Prof Dairy Mkta

13P R HASBARGEN PhD Prof Form Mgt

13R O HAWKINS BS Instr Farm Mat

1YUJIRO HAYAMI PhD Visiting Assoc Prof Agr Devlpmt

12J D HELMBERGER PhD Prof Taxation and Credit

123J P HOUCK Jr PhD Assoc Prof Prices and Aar Trade

13J S HOYT Jr PhD Assoc Prof Location Econ

13J E HUTCHISON BS Res Spec Statis

123H M HWANG MS Assoc Sci Statis

17J D HYSLOP PhD Res Assoc Agr Devlpmt 12H R JENSEN PhD Prof Prod Econ and Farm Mat

13R D KNEPPER MA Instr Location Econ 12E F KOLLER PhD Prof Dairy Mkta and Coops

13M R LANGHAM PhD Visiting Assoc Prof Dairy Mkta

130 M LUND Jr MS Res Fellow Location Econ

127W R MAKI PhD Prof Resource Econ

5520-5565 MINNESOTA

## Economics (Agr)-Continued

123J S MANN PhD Res Assoc Prices and Aar Trade 127L R MARTIN PhD Prof Resource Econ and Aar Devlomt

123D M NELSON PhD Res Assoc Tourism

123T R NODLAND PhD Prof Farm Mat
13H C PEDERSON MS Prof Grain Mktq
12W L PETERSON PhD Asst Prof Technol Change

17M J PURVIS PhD Asst Prof Agr Devlpmt

12P M RAUP PhD Prof Resource Econ and Agr Res

13H G ROUTHE PhD Prof Farm Mat

1MARY E RYAN BS Res Fellow Agr Trade

13F J SMITH Jr PhD Prof Mktq

13R W SNYDER PhD Asst Prof Land Use

15J M STAM PhD Asst Prof Resource Econ

1ABRAHAM SUBOTNIK PhD Res Assoc Prices and Aar Trade

13K H THOMAS PhD Asst Prof Form Mort

127H J VAN WERSCH MS Res Assoc Agr Devlomt

137J J WAELTI PhD Asst Prof Natural Resources 13A D WALDO PhD Assoc Prof Public Affairs

13E J WESNESS Instr Farm Mat

12D E WELSCH PhD Asst Prof Agr Devlpmt

13CAROLE B YOHO MA Instr Public Affairs

## Education (Aar)

5530 1M J PETERSON PhD Prof and Chmn

1H W KITTS PhD Prof

1R P MARVIN PhD Prof

1M B MCMILLION PhD Asst Prof

1C L NELSON PhD Asst Prof 1E A PERSONS PhD Assoc Prof

IG I SWANSON PhD Prof

## Engineering (Agr)

5540

12L L BOYD PhD Prof and Head of Dept

12E R ALL RED MS Prof Soil and Water

3D W BATES MS Prof Ext Agr Structures

12W F BEAR PhD Prof Form Mech

3H A CLOUD PhD Assoc Prof Ext Mater Handling 124A M FLIKKE MS Prof Environ and Proc

12J R GILLEY MS Instr Soil and Water

12ANDREW HUSTRULID PhD Prof Elec Power and Proc

12K A JORDAN PhD Prof Environ and Proc

25W A JUNNILA MS Assoc Prof USDA Elec Power and Proc

12C L LARSON PhD Prof Soil and Water

25R E LARSON MS Ass∞ Prof USDA Actr Structures

3R E MACHMEIER PhD Assoc Prof Ext Soil and Water

12P W MANSON MS Prof Soil and Water
12J H POMROY MS Assoc Prof Agr Structures

3D M RYAN BS Prof Ext Agr Structures

12C E SCHERTZ PhD Assoc Prof Power and Mach

12M R SMITH PhD Asst Prof Power and Mach

12JOHN STRAIT MS Prof Power and Mach

3J A TRUE MS Assoc Prof Ext Power and Mach

## Entomology, Fisheries, and Wildlife

12A C HODSON PhD Prof and Head of Dept

12J R BEER PhD Ass∞ Prof Mammalogy Small Mammal Pop

12MARION A BROOKS PhD Assoc Prof Ins Microbiol

12H C CHIANG PhD Prof Ins Ecol Field Crop Pests
2P J CLAUSEN MS Res Fellow Syst

12E F COOK PhD Prof Ins Syst

12L K CUTKOMP PhD Prof Toxicol

12BASIL FURGALA PhD Assoc Prof Apic

2G W GULLION MA Res Assoc Game Mat Upland Game Birds

123P K HAREIN PhD Prof Ext Spec in Ent

2E G HEYERDAHL PhD Res Assoc Fisheries

12H M KULMAN PhD Assoc Prof For Ent

123J A LOFGREN MS Prof Ext Spec in Ent

12R J MACKIE PhD Asst Prof Wildlife Biol Big Game 12W H MARSHALL PhD Prof Wildlife Biol Dir Univ Field Biol Prog

2.I M PEEK MS Res Fellow Wildlife Biol Big Game

12A G PETERSON PhD Prof Veg and Forage Crop Pests 12R D PRICE PhD Assoc Prof Systematics Taxon of

Bird Lice

## Entomology, Fisheries, and Wildlife - Continued

12E B RADCLIFFE PhD Asst Prof Plant Resistance Vea Ins

12A G RICHARDS PhD Prof Ins Physiol

12L L SMITH Jr PhD Prof Fish Pop Dynamics

12J R TESTER PhD Assoc Prof Ecol Radio Biol

12T F WATERS PhD Prof Stream Prod Fisheries Biol

#### Extension (Agr) 5560

ADMINISTRATION

3R H ABRAHAM PhD Prof and Dir

3F W FORBES MS Prof and Pers and Training
13H G ROUTHE MS Prof and Proq Ldr Aar Prod and Technol

3W H HANSON MS Assoc Prof and Asst Proa Ldr Aar Prod and Technol

13H C PEDERSON MS Prof and Prog Ldr Ext Mktg and Util

13H B SWANSON PhD Prof and Proj Ldr Inform and Teaching Aids

#### COLINTY AGENT WORK

3EDWARD BECKER BS Assoc Prof and Dist Supvr

3G W SAKSA MA Assoc Prof and Acta Dist Supvr

3G T McCLEARY BS Prof and Dist Supvr

3H J NEWELL BS Assoc Prof and Dist Supvr 3D A WILSON BS Assoc Prof and Dist Supvr

## HOME EXTENSION PROGRAM

3Mrs EVELYN P QUESENBERRY MS Assoc Prof and State Ldr Home Econ

3ARLEEN L BARKEIM MS Assoc Prof and Dist Supvr 3CAROLINE M FREDRICKSON MS Assoc Prof and Dist Supvr

3MINERVA O JENSON MA Prof and Dist Supvr 3Mrs ROSELLA H QUALFY MS Assoc Prof and Dist

Supvr

## 4-H AND YOUTH DEVELOPMENT

3L L HARKNESS MPS Prof and State Ldr

3V J McAULIFFE MA Asst Prof and Assoc State Ldr 3W A MILBRATH MSW Assoc Prof and Assoc State Ldr 3EVELYN D HARNE MS Assoc Prof and Assoc State

1 dr 3E S BERGERUD MPA Assoc Prof and Asst State Ldr

3W E CARLSON MS Instrand Asst State Ldr 3Mrs JUANITA J FEHLHAFER MA Instrand Asst State L.dr

3Mrs SUSANNE G FISHER MS Instrand Asst State Ldr

3MARIAN O LARSON MS Assoc Prof and Asst State Ldr 30 T MAGNUSON MAPA Assoc Prof and Asst State Ldr

3S R MEINEN MEd Asst Prof and Asst State Ldr

# OTHER

5550

13R M BROWN PhD Prof and Ext Training Spec

3B G CREWDSON MS Asst Prof and Ext Spec Resource Devlomt

13HULDAH W CURL BA Instr and Arts Ext Coord 3C F HALSEY MS Asst Prof and State Rural Civ Def Aat

3L R SIMONSON BS Asst Prof and Ext Spec Tourist

### Food Science and Industries

5565

12S T COULTER PhD Prof and Head of Dept 12P B ADDIS PhD Asst Prof Meat Technol

12W M BREENE PhD Asst Prof Dairy and Food Technol

12F F BUSTA PhD Assoc Prof Diarry and Food Microbiol
12J J JEZESKI PhD Prof Dairry and Food Microbiol

12P B MANNING MS Instr Dairy and Food Technol

12C V MORR PhD Assoc Prof Proc Chem

12H A MORRIS PhD Prof Dairy and Food Technol 3V S PACKARD Jr PhD Assoc Prof Dairy Prod Ext Spec

123E H SANDER Phi) Assoc Prof Proc Engin 12E L THOMAS PhD Prof Dairy and Food Technol 2MASSIS YETERIAN PhD Res Fellow Dairy and Food

Microbiol 3E A ZOTTOLA PhD Asst Prof Ext Food Microbiol 5570-5600 MINNESOTA

Forestry, School of

5570 Home Economics, School of-Continued 12F H KAUFERT PhD Prof and Dir of Sch 3Mrs EDNA K JORDAHL MS Assoc Prof Ext Spec Home 2C E AHLGREN MS Res Assoc Fire Ecol Genet 12A A ALM MS Res Fellow Mgt 1MARCIA S KENDALL MS Instr Home Econ 12E V BAKUZIS PhD Assoc Prof For Synecol 1PAULA B KNUTH MS Instr Home Econ 12B A BROWN PhD Prof and Supt of Clog For Res Center 3MARY FRANCES LAMISON MA Assoc Prof Ext Spec 12R W ERICKSON PhD Asst Prof Wood Moisture Relat Home Mat 14HELEN A LUDWIG MA Assoc Prof Relat Art 12D J GERRARD PhD Asst Prof Wood Moisture Relat 12R O GERTJEJANSEN PhD Asst Prof Fiber Prods ILOIS A LUND PhD Assoc Prof and Asst Dir Core and 12A R HALLGREN PhD Asst Prof Logging Sch of Home Econ 1Mrs BEVERLY B LUNDGREN BS Asst Ext Spec Home 12H L HANSEN PhD Prof Silvic Econ 12C R HATCH MF Instr For Measurements 1Mrs FUDEKO T MAURYAMA PhD Asst Prof Foods 12J G HAYGREEN PhD Prof Mech Phys Properties 3Mrs MARION MELROSE BS Asst Prof Home Econ Identification in Rehabilitation 3L T HENDRICKS PhD Asst Prof Ext For Prod 3VERNA. A MIKESH MS Assoc Prof Ext. Nutr 124R L HOSSFELD PhD Prof Wood Chem 12LURA M MORSE PhD Prof Nutr 12J M HUGHES PhD Assoc Prof For Resource Econ 12F D IRVING PhD Prof For Mgt 12R A JENSEN BS Assoc Sci Silvic 1JULIETTE I MYREN MS Assoc Prof Relat Art 1Mrs M VIRGINIA NAGLE BA Asst Prof Relat Art 3RONALD LEE PITZER MS Instr Ext Spec Fam Life 3ATHELENE H SCHEID MA Prof Ext Spec Cloth 12H H JOHN PhD Prof For Measurements and Statis 12T B KNOPP MS Instr Outdoor Recreation Mgt 12R J SIRNY PhD Prof and Chmn Nutr and Food Serv 12VILIS KURMIS MS Res Fellow Silvic 12R P LATHAM MF Res Fellow Aerial Photos 1Mrs HAZEL STOECKELER MA Assoc Prof Relat 12A C MACE PhD Asst Prof For Hydrol Art 12L C MERRIAM Jr PhD Prof Outdoor Recreation Mat 1Mrs PATRICIA SWAN PhD Prof Nutr 12M P MEYER PhD Prof For Measurements and Aerial 1Mrs ESTHER Y TRAMMELL MS Asst Prof Foods Photos 1Mrs DOROTHY VERSTRAETE MS Instr Food Serv 3W R MILES MF Instr Ext Mgt 12J R NEETZEL MF Res Assoc Wood Structures
12S S PAULEY PhD Prof For Tree Genet 1EMMA WHITEFORD PhD Chmn and Prof Home Econ 12H F RATHBUN BS Res Assoc For Prod 12C H REIDEL MPA Instr For Mgt Educ 1Mrs GLORIA M WILLIAMS MA Instr Text and Cloth 12D I SAUER BS Instr For Prod 3Mrs MYRA B ZABEL MA Assoc Prof Ext Spec Home 12HAROLD SCHOLTEN MS Asst Prof Form For 12R A SKCK PhD Prof and Asst Dir For Econ and Policy 3M E SMITH BS Assoc Prof Ext Mat 12P C SMITH MF Instr Silvic **Herticulture** 5590 12L C SNYDER PhD Prof and Head of Dept and Supt of 12E I SUCOFF PhD Assoc Prof For Tree Physiol 12J C TAPPEINER II PhD Asst Prof Silvic Fruit Brdg Farm and Arboretum 12R D THOMPSON MS Asst Prof Bldg Prod Merchandise 12P D ASCHER PhD Asst Prof Genet 12D W DAVIS PhD Assoc Prof Veq Brdq 13C G HARD PhD Assoc Prof Ext Landsc Ornam 12J J ULLIMAN MS Instr Aerial Photos 12K E WINSNESS MF Prof and Asst to the Dir Stud Adv and Alumni Relat 3L B HERTZ PhD Assoc Prof and Ext Hort 12Z A ZASADA BS Res Assoc For Mgt 27A G JOHNSON MS Res Pellow Taxon and Ecol 12J J KUSKA MA Asst Prof Landsc Arch 12F I LAUER PhD Prof Potato Brda Home Economics, School of 12LOUISE A STEDMAN PhD Dir and Prof of Sch of 2PAUL LI PhD Asst Prof Hardiness Physiol 12A J LINCK PhD Prof Phys Action of Herbicides Home Econ 12ROBERT MULLIN PhD Assoc Prof Ornam Brdq
12SHIRLEY T MUNSON MS Asst Prof Food Technol 1ROXANA R FORD PhD Assoc Dir and Prof of Sch of Home Econ 1R A ABELL MFA Assoc Prof Relat Art 12R E NYLUND PhD Prof Vea Physiol 3THELMA BAIERL MS Assoc Prof Ext Spec Cloth
13DONALD BENDER PhD Asst Prof Fam Social Sci and 12H M PELLETT PhD Asst Prof and Asst Supt of Fruit Brdg Farm and Landse Mgt 12R A PHILLIPS MS Asst Prof Landsc Ornam Brda Ext Spec 12P E READ PhD Asst Prof Veg Physiol 3GRACE BRILL MS Assoc Prof Ext Spec Nutr 12E J STADELMANN PHD Ass∞ Prof Cell Physiol 12CECIL STUSHNOFF PhD Asst Prof Fruit Brdg 14MARJORIE M BROWN EdD Prof Home Econ Educ 12MARGUERITE C BURK PhD Prof Agr Econ and Home 1230 C TURNQUIST PhD Prof Ext Veg Potato Brdg Econ 12C J WEISER PhD Prof Hardiness Physiol
12D B WHITE PhD Assoc Prof Nursery and Turf Mat 1MARGARET BUSCH BS Instr Home Econ Educ 1Mrs MARIE H CHRISTENSON MS Asst Prof Home Econ Mrs BARBARA B CONKLIN BS Instr Home Econ 12R E WIDMER PhD Prof Flor 12H F WILKINS PhD Asst Prof Flor 1SUE CROSWELL MA Instr Home Econ Educ 12SUZANNE DAVISON PhD Prof and Chmn Text and Cloth 12Mrs MARGARET M DOYLE PhD Assoc Prof Nutr 12FLORENCE EHRENKRANZ PhD Prof and Chmn Information and Agricultural Journalism 5600 123H B SWANSON PhD Prof and Head Household Equip 123L R FEHLHAFER MS Instrand Asst Ext Inform Spec 123E E FREDERICKS BS Bul Ed 1ANN M ERICKSON MS Asst Prof Relat Art IGERTRUDE ESTEROS EdD Prof and Chmn Relat 23MARY F HASTINGS BA Asst Ed Pubs 123V A KEEL BA Instr Inform Spec Press
123G R McKAY MS Prof and Ext Vis Aid Spec Art 1Mrs NATALIE S GALLAGHER MS Asst Prof Core 1JOAN GORDON PhD Prof Foods 123M E MORRIS PhD Assoc Prof and Commun Econ Spec 123Mrs JOSEPHINE B NELSON MA Assoc Prof and Asst 1MARGARET P GRINDERENG PhD Assoc Prof Text Ext Ed Press and Radio and Cloth 13Mrs LEONA'S NELSON MS Instrand Asst Ext Spec 1Mrs SUZANNE HENDRICKS MA Instr Home Econ Inform 13GLENDA H HUMPHRIES MS Instrand Ext Spec 123R S WOLF BS Assoc Prof and Ext Inform Spec Radio Household Equip 1KATHLEEN M JEARY MA Asst Prof Fam Social and TV

23Mrs KATHLEEN K WOLTER BA Instr and Asst Bul Ed

Sci

5610-5650

MINNESOTA Soil Science-Continued Plant Pathology 5610 3W E FENSTER PhD Asst Prof Ext Soils Spec 123M F KERNKAMP PhD Prof and Head of Dept 12N A ANDERSON PhD Assoc Prof Mycol and Genet of 5H R FINNEY PhD Asst Prof (SCS) Soil Surv Correlat 2R D FRAZIER PhD Asst Prof Br Sta Soils Plant Pathogens 12JOHN GRAVA PhD Assoc Prof Soil Test and Fert 12E E BANTTARI PhD Assoc Prof Virus Dis and Dis of 12G E HAM PhD Asst Prof Soil Microbiol Barley 15REID BEVIS Agr Res Tech Stem Rust of Oats 3L D HANSON PhD Assoc Prof Ext Soils Spec 25R F HOLT PhD Prof (Sta Dir SWC ARS USDA) Soil Sci 13H L BISSONNETTE PhD Prof and Ext Plant Path 15W R BUSHNELL PhD Plant Phys Bio of Infection 25W E LARSON PhD Prof (SWC ARS USDA) Soil Mech Stem Rust of Wheat 12J M MacGREGOR PhD Prof Soil Chem and Fert 12LUCAS CALPOUZOS PhD Ass∞ Prof Cereal Rusts 2G H MADANY PhD Res Fellow Soil Biochem 12C M CHRISTENSEN PhD Prof Mycol Microbiol Det 2R C MUNTER MS Res Fellow Soil Anal Chem of Grain 2W W NELSON PhD Assoc Prof and Supt Br Sta Soils 12C | FIDE PhD Prof Dis of Veg Crops 3C J OVERDAHL PhD Prof Ext Soils Spec 12D W FRENCH PhD Prof For Path Mycol Det of For 25J K RADKE PhD Asst Prof (SWC ARS USDA) Soil Prod Phys 15F I FROSHEISER PhD Asst Prof and Plant Path Dis 2G W RANDALL MS Res Fellow Soil Fert of Forage Crops 5A S ROBERTSON BS Collab (SCS) Soil Surv 12HELEN HART PhD Prof Emeritus Cereal Rusts 12R H RUST PhD Prof Soil Surv and Phys Chem Soils 13H G JOHNSON PhD Prof and Ext Plant Path 12E L SCHMIDT PhD Prof Soil Microbiol 12B W KENNEDY PhD Assoc Prof Dis of Sovbeans 20 C SOINE PhD Prof Br Sta Soils
3J P SWAN PhD Assoc Prof Ext Soil Spec 12T H KING PhD Prof Dis of Fruits and Canning Crops 12THOR KOMMEDAHL PhD Prof Cereal Dis Soil-borne 25T J THIEL MS Res Fellow (SWC ARS USDA) Soil 15ROBERT LINDHART BS Agr Res Tech Stem Rust of Phys Wheat 25C A VANDOREN PhD Prof (Br Chief SWC ARS 12D H MACDONALD PhD Asst Prof Nematol 15D V McVEY PhD Res Plant Path Stem Rust of Wheat USDA) Soil Sci 12R A MERONUCK MS Mycotoxins 12C J MIROCHA PhD Assoc Prof Phys of Host Parasite 5650 Veterinary Medicine Relat 12M B MOORE MS Assoc Prof Dis of Oats 13R F NYVALL MS Instr and Ext Plant Path 12W T S THORP DVM MS Prof and Dean of Col 12R K ANDERSON DVM MPH Prof and Assoc Dean 12H L STODDARD DVM DTVM Prof and Dir of Internati 12J M PRESCOTT MS Stem Rust of Wheat 5A P ROELFS MS Plant Path Stem Rust of Wheat Progs in Vet Med 12W J DEBOER PhD Assoc Prof and Asst to the Dean Barberry 12A F WEBER DVM PhD Prof Elec Micro Head of Anat 15R W ROMIG PhD Asst Prof and Res Plant Path 12B S POMEROY DVM PhD Prof Virol Head of Microbiol Stem Rust of Wheat 15PAUL ROTHMAN PhD Stem Rust of Oats and Public Health 15J B ROWELL PhD Prof Plant Phys Physiol of Stem 12J M HIGBLE DVM Prof Path Head of Diagnostic Labs Rust of Wheat 12D K SORENSEN DVM PhD Prof Virol Head of Med 12RAIMUNDS ZEMJANIS DVM PhD Prof Obstet Head of 5E C STAKMAN PhD DSc Collab Emeritus Stem Rust of Wheat Obstet and Gyn 15D M STEWART PhD Asst Prof and Plant Path Phys 12H J GRIFFITHS DVM PhD Prof Parasitol Head of of Stem Rust of Wheat Path and Parasital 12R D WILCOXSON PhD Prof Dis of Forage Crops 12C M STOWE DVM PhD Prof Pharmacol Head of Physiol and Pharmacol Short Courses (Agr) 5620 12J P ARNOLD DVM PhD Prof Surg Head of Surg and 1L A FREEH PhD Prof and Head of Agr Short Courses Radiol 1J G CVANCARA PhD Asst Prof and C∞rd Foreign 12D G LOW DVM Ph.) Prof and Head of Univ Vet Hosp Training Prog 12J F ANDERSON DVM Instr Med 1P B STEGMEIR Instr and Coord Short Courses and 1W D ANDERSON DVM Instr Anat Conf 1A A ARDANS DVM Instr Med 1M C BAKER DVM Instr Med 5630 Sociology (Rural) 12D M BARNES DVM PhD Assoc Prof Path 1W J BEMRICK Pt.D Assoc Prof Parasitol 123G A DONOHUE PhD Prof Sociol 12ANNETTE HARRISON MA Res Asst Sociol 1R O BENSEN DVM Nonserv Fellow Anat 12M E BERGELAND DVM PhD Asst Prof Path 12JOHN LANDSVERK MA Res Asst Sociol 6DARIO MENANTEAU PhD Asst Prof Internati Prog 1E S BROKKEN DVM Instr Med 1T J BURKE DVM Instr Med 12JOEL NELSON PhD Asst Prof Social 12LOWRY NELSON PhD Prof Emeritus Sociol 1R H BUSCH DVM Nonserv Fellow Path 123CLARICE OLIEN MA Instr Ext Sociol
13RONALD PITZER MA Instr Ext Fam Life 1CAROLINE CZARNECKI Asst Prof Anat 1D R DESMUKH LVSc PhD Res Assoc Virol 123C E RAMSEY PhD Prof Sociol 1S L DIESCH DVM MPH Asst Prof Microbiol 12P J TICHENOR PhD Assoc Prof Journalism IV A DIRKS MS Res Assoc Genet 1G EDUKE PhD Asst Prof Physiol 5640 1S K DUTTA BVSc PhD Res Assoc Virol 12W P MARTIN PhD Prof and Head of Dept 1H E DZIUK DVM PhD Assoc Prof Physiol 12R S ADAMS Jr PhD Assoc Prof Soil Biochem IG A ECKHOFF DVM Nonserv Fellow Pharm 25R R ALLMARAS PhD Assoc Prof (SWC ARS USDA) 1J C ELLERY DVM Res Fellow Obstet IM L FAHNING DVM PhD Asst Prof Obstet 1R J FARNS WORTH DVM Instr Med Soil Chem and Mat 12H F ARNEMAN PhD Prof Soil Surv and For Soils 12D G BAKER PhD Assoc Prof Microclimatol 1D R FINCO DVM PhD Asst Prof Med 12G R BLAKE PhD Prof Soil Phys 12P M BURSON MS Prof Soil Mat and Fert 1T F FLETCHER DVM PhD Assoc Prof Neurol

12A C CALDWELL PhD Prof Soil Chem and Fert

2SAM EVANS PhD Assoc Prof Br Sta Soils

Soil Biochem.

Phys Chem

Soils

25C E CLAPP Jr PaD Assoc Prof (SWC ARS USDA)

25R H DOWDY PhD Asst Prof (SWC ARS USDA) Soil

12R S FARNHAM PhD Assoc Prof Soil Surv and Organic

1C D GIBSON DVM Instr Obstet

IR F HAMMER DVM Instr Angt

12A L GOOD DVM PhD Prof Physiol 11 M GOURLEY DVM PhD Assoc Prof Surg

1GRACE W GRAY PhD Asst Prof Pharmacol

12P B HAMMOND DVM PhD Prof Toxicol

1EVELYN L TOWNSEND DVM Res Fellow Toxicol

IGRISELDA F HANLON DVM MS Assoc Prof Radiol

1D GOLTZ DVM Instr Anat

## Veterinary Medicine-Continued

3J O HANSON DVM Asst Prof and Dir Cont Educ and Proj Ldr Vet Ext

IG CHEATH DVM Nonserv Fellow Physiol

5W M HOHLSTEIN DVM Epidem Microbiol and Public

IEDWARD JANKUS DVM PhD Asst Prof Physiol

1R H JENSEN DVM Nonserv Fellow Path 1K H JOHNSON DVM PhD Asst Prof Path

1LARUE JOHNSON DVM PhD Asst Prof Med

1S H KLEVEN DVM Nonserv Fellow Microbiol 1H J KURTZ DVM PhD Asst Prof Path

1C T LARSEN DVM Res Fellow Microbiol

IV L LARSON DVM Asst Prof Med

12R K LINDORFER PhD Prof Microbiol

1PBLITTLE DVM MS Instr Med

12K I LOKEN DVM PhD Assoc Prof Med

5D W LUCHSINGER DVM Epidem Microbiol

1J F MacBAIN DVM Instr Surg 1A D MARLEY DVM Instr Med

1W W MARQUARDT DVM Instr Microbiol

1W D MARTIN MS Instr Anat

12ERIKS MARTINSONS DVM Res Fellow Obstet

15D J MARX MA Zool Res Fellow Path

1G W MATHER DVM PhD Prof Med 1G E MILLER PhD Asst Prof Pharmacol

4H W MOON DVM Res Fellow Path

1V S MYERS DVM Asst Prof Surg

12G H NELSON DVM Assoc Prof Clinics

1PATRICK O'LEARY DVM Nonserv Fellow Path

1C A OSBORNE DVM Instr Med

12VICTOR PERMAN DVM PhD Prof Clin Path

P T PURINTON DVM Nonserv Fellow Anat

1J F QUAST DVM Instr Med

1W J QUINN DVM Instr Med

1R A ROBINSON DVM Instr Microbiol

12J H SAUTTER DVM PhD Prof Path

1J C SCHLOTTHAUER DVM PhD Asst Prof Parasitol

1R H SCHULTZ DVM PhD Asst Prof Obstet

1E P SHARPNACK DVM Instr Med

12R E SHOPE DVM PhD Asst Prof Virol

1E C SHORT DVM PhD Asst Prof Physiol Chem 5F E SIEGFRIED DVM Vet Livestock Insp

1C J SMITH DVM Res Fellow Microbiol
3R B SOLAC DVM Asst Prof Ext Vet
1R E SOLEE DVM Nonserv Fellow Microbiol

1W J SOLOMAN DVM Instr Med

1F A SPURRELL DVM PhD Prof Radiol

1J B STEVENS DVM PhD Asst Prof Path

14J P SULLIVAN DVM PhD Asst Prof Physiol 1EVELYN TOWNSEND DVM Res Fellow Toxicol

1E A USENIK DVM PhD Prof Surg

1J C VANDEN BERGE PhD Asst Prof Zool

1B E WALL DVM Instr Med

1R E WERDIN DVM Instr Med

1B C YOHO DVM Instr Med

### Miscellaneous

12V J VITINS MS Asst Prof and Libr

2M A MITTENESS Farm and Grounds Supt

2P J TICHENOR PhD Assoc Prof Journalism
12E B STANFORD PhD Prof and Dir of Univ Librs

## Substations

North Central Expt Sta (PO Grand Rapids)

2WILLIAM MATALAMAKI PhD Prof and Supt

2R B AAKRE BS Asst Prof and Agr Engin

2R H ANDERSON BS Asst Prof and Agron

2W H CROMELL BS Instr For

2N H GRIMSBO BS Asst Prof Hort

2J W RUST PhD Assoc Prof Anim and Dairy Husb

2C D WEGNER BS Instr For Northwest Expt Sta (PO Crookston)

2B E YOUNGQUIST PhD Prof and Supt

2B C BERESFORD MS Asst Prof Hort

2J LOFGREN PhD Asst Prof Agron

2G D MARX PhD Asst Prof Dairy Husb 2E C MILLER MS Asst Prof Agr Engin 2O C SOINE PhD Prof Soils

2H F WINDELS PhD Asst Prof Anim Husb

#### Substations—Continued

Rosemount Expt Sta (PO Rosemount)

2C L WILCOX PhD Assoc Prof and Supt

Southern Expt Sta (PO Waseca)

2E C FREDERICK PhD Prof and Supt Anim Physiol

2R M COLLINS PhD Prof and Prin Ed 2R D FRAZIER PhD Asst Prof Soils

2W E LUESCHEN PhD Asst Prof Agron

2H C MATSON MA Assoc Prof Agr Engin 2K P MILLER PhD Assoc Prof Anim Husb

Southwest Expt Sta (PO Lamberton)

2W W NELSON PhD Assoc Prof and Supt Soils

West Central Expt Sta (PO Morris)

2R E SMITH MS Assoc Prof and Supt Econ

2S D EVANS PhD Assoc Prof Soils

2W H GRAY MS Asst Prof Hort

2H E HANKE MS Asst Prof Anim Husb 2L K LINDOR MS Asst Prof Agr Engin

2V G PURSEL PhD Asst Prof Dairy

## MISSISSIPPI

The College of Agriculture, the School of Forest Resources, the Agricultural Experiment Station, the Agricultural Extension Service, and the Forest Products Utilization Laboratory of Mississippi State University of Applied Arts and Sciences, State College 39762

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Forest Products Utilization Laboratory

7Coop USDC 8 Coop USPHS

5690

1W L GILES PhD Pres

1T K MARTIN PhD Vice Pres

1.J K BETTERSWORTH PhD Academic Vice Pres (Tel 601 Starkville 323-4321 Ext 388)

123L N WISE PhD Vice Pres for For and Agr 12R T CLAPP MF Deam of Sch of For Resources

12II H LEVECK MS Dir of Sta (Tel 601-Starkville 323-4321 Ext 233)

3W M BOST MS Dir of Ext (Tel 601 Starkville 323-4321 Ext 303)

3R C SIMMONS MPA Assoc Dir of Ext

3.J R CARPENTER MS Asst Dir of Ext

1J II ANDERSON PhD Dean of Col of Agr (Tel 601 Starkville 323-4321 Ext 421)

123L F MALLORY BS Comptroller

2G J THUMAS MS Acet for Sta 3K II MARTIN MS Ext Acet

5660

5680

12C D HOOVER PhD Prof and Head of Dept Fert and

Mat

3K L ANDERSON MAgr Ext Spec Agron Field Crops Corn

12C H ANDREWS PhD Asst Agron Seed Res and Training 12J A ANDRIES MS Asst Prof and Asst Agron Field Crops Cotton

2S D ATWELL BS Asst Agron Turfgrasses and Roadside Devlomt

12B S BARNES MS Asst Prof and Asst Agron Seeds AID Guatemala

2C C BASKIN MS Asst Agron Seeds

2J M BECK BA Engin Tech Seeds

25H W BENNETT PhD Agron Crop Brdg and Grasses

12G L BIEBER PhD Asst Prof and Asst Agron Turfgrasses and Roadside Devlpmt

12A H BOYD Jr MS Asst Agron Seeds

5F V BRENT Jr BS Soil Sci SCS Soil Genesis Classif and Mapping

12H D BUNCH PhD Prof Agron and Dir Internati Prog Agr and For

12B L BURSON PhD Asst Prof and Asst Agron Genet Forage Crops 12J C DELOUCHE PhD Prof and Dir of State Seed Lab

in Chq Seed Tech Lab Seeds State Seed Anal 2G M DOUGHERTY MS Asst Agron Seeds

5700-5750 MISSISSIPPI Chemistry (Agr)-Continued Agronomy-Continued 2M V KENNEDY PhD Assoc Chem 12A G DOUGLAS PhD Assoc Prof and Assoc Agron 2W E POE MS Asst Chem 2D B PURVIS Res Asst Field Crops Cotton 12W J DRAPALA PhD Prof Agron and Head Dept of Exp 5720 3L E GHOLSTON MS Spec Ldr Soil Testing Dept Fert Dairy Science 12H J BEARDEN PhD Prof and Head of Dept and Mat 12J T CARDWELL PhD Prof Chem
3L M CARPENTER MS Asst Ext Dairyman 12R G GLENN PhD Prof and Agron Soil Genesis Classif and Mapping 3G B CRAIN BS Ldr Ext Dairying 12D F GRABE PhD Prof and Agron Seeds 12K R CUMMINGS PhD Asst Prof Nutr 12B R GREGG MS Asst Prof and Asst Agron Seeds 12E W CUSTER MS Prof Bact 5J D HESKETH PhD Adjunct Assoc Prof Soil Sci and 12J W LUSK PhD Assoc Prof Nutr 12W H McGEE MS Asst Prof 12T J OUSLEY MS Asst Prof Dairy Mfq Res Invest 3D W HOUSTON MS Ext Spec Agron Field Crops and Cotton 12D S RAMSEY PhD Prof Physiol
3G T TAYLOR BS Asst Ext Dairyman 12R D JENSEN PhD Asst Prof Soil Mech and Engin Soil Moisture 2W F JONES MS Asst Agron Fert and Mgt 5730 Economics (Agr) 2W E KEENAN BS Soil Surv Soil Genesis and Classif 12DW PARVIN PhD Prof and Head of Dept 5W E KNIGHT PhD Res Agron Crop Brdg and Crimson 2W A BOUTWELL MS Res Asst Mktg 23J D BOYETTE MS Asst Econ Farm Records and Farm 12J D LANCASTER PhD Prof Soil Chem and Nitrogen Mat 5J R McCLUSKY BS Res Asst Crop Brdg 3T F BUFKIN MS Asst From Ext Mktg Field Crops 3J W McKIII MAgr Ext Spec Agron Field Crops Soybeans 5J C CRECINK PhD Prof Farm Mgt and Land Econ 2E L McWHIRTER MAgr Asst Crop Brdg Grasses 2W C CURTIS MS Res Asst Resource Devlpmt 12N C MERWINE PhD Prof Crop Mgt and Grain Sorghum 12J G DILLARD MS Asst Prof Farm Mat
12J G HAMILL PhD Assoc Prof Farm Mat and Coop 2B C MURPHY MS Asst Agron Soil Fert Soybeans 5D L MYHRE PhD Adjunct Assoc Prof Soil Sci and 2M R HOLMES MS Res Asst Resource Devlpmt Res Invest 12V G HURT PhD Prof Dairy Mktq and Prod Econ 12V F. NASH PhD Prof and Agron Soil Mineral 3R B JOHNSTON EdD Ldr Ext Agr Econ 12L E NELSON PhD Prof Fert and Mat 3C H MANASCO MS Ldr Ext Mktq 2L R NELSON MS Asst Agron Crop Brdg and Corn 3A L McLAUGHLIN MS Asst Econ Ext Farm Mat 3H D PALMERTREE MS Ext Spec Agron Corn and 3L L MONROE MS Asst Econ Ext Livestock Mktg Turfarasses 12T D PHILLIPS PhD Prof Grain and Livestock Mkta 12H C POTTS PhD Assoc Prof and Assoc Aaron AID

Brazil Seeds

2T T RUSHING BS Asst Agron Seeds 5J O SANFORD MS Soil Sci Fert and Mat

5G E SCOTT PhD Res Agron Crop Brdg and Corn

2D A SOULEYRETTE MS Asst Agron AID Brazil Seeds

12B J STOJANOVIC PhD and Dir of Agr Prof Soil Bact and Microbiol

3W R THOMPSON MS Ldr Ext Spec Agron Pasture

2C W THURMAN MS Asst Agron Pasture and Forage Crops

12H B VANDERFORD PhD Prof Soil Genesis Classif and Map

AC F. VAUGHAN MS Asst Prof Seeds

12C Y WARD PhD Prof Pasture and Forage Crops and Turfarasses

12V H WATSON MS Asst Agron Pasture and Forage Crops

5710 Animal Husbandry

12C E LINDLEY PhD Prof and Head of Dept 12BRYAN BAKER Jr PhD Prof Swine and Sheep

12L H BOYD PhD Assoc Prof Sheep

3R O BUCKLEY MS Assoc Ext Anim Husb Sheep

12B G DIGGS PhD Prof Swine

12H W ESSIG PhD Prof Beef Cattle and Sheep

3E E GRISSOM MS Ldr of Ext Anim Husb 12FAY HAGAN PhD Asst Prof Anim Brdg and Genet

3H B HEDGEPETH MS Asst Ext Anim Husb

3W L RICHMOND BS Assoc Ext Anim Husb Swine

12R W ROGERS PhD Assoc Prof Meats
12C B SHAWVER MS Asst Prof Meats
12L J SMITHSON PhD Asst Prof Prod

3W M SWOOPE MS Asst Ext Anim Husb Beef Cattle Performance Test

5715

Chemistry (Agr)

12B F BARRENTINE PhD Head of Dept

2K P BAETCKE PhD Assoc Chem

2J D CAIN MS Asst Chem

2D R CLARK BS Res Asst

2M E CRITZ Res Asst

2Mrs PATRICIA S FETTERMAN BS Res Asst

2M K GINN Jr BS Asst Chem 2I F HATHCOCK Res Asst

2JANE E JOHNSON BS Res Asst

3A TPULLIN MS Asst Econ Ext Veg and Fruit Mkta

3ANN O RUSHING BS Asst Econ Ext Consum Inform 3 JOHNNIE SARTOR MS Assoc Ext Farm Mgt

12A D SEALE Jr PhD Prof Veg and Poultry Mktg

12J H SIMPSON Jr MS Assoc Prof Farm Mat 2E A STENNIS MS Res Asst Form Mgt

3D L TRAMMELL MS Asst Econ Ext Dairy Mktq 2VERONICA A VITELLI MS Res Asst Resource

Devlpmt 12J E WALDROP Jr PhD Assoc Prof Resource Devlpmt

2L D WELCH MS Asst Econ Statis 4C M WFLLS Jr PhD Prof Cotton Mktg and Policy

3R L WILLIAMS MS Asst Econ Form Mgt

3J C WILSON MS Asst Econ Ext Mkt Anal 3J L YONGE MS Asst Econ Ext Farm Mat

5735 Editorial 2G C RUTLEDGE BÅ Sta Ed

3ISABEL KEAN Audio Vis Mor

3JIYANCY MBA Inform Spec

3D B ROSENKRANS MEd Ldr of Ext Inform

3C W SAPPINGTON MS Inform Spec

3G H TAYLOR Jr Graphic Artist

3Mrs EDNA K WILKERSON BS Inform Spec

3T L WILKERSON BS Inform Spec

Education.

10 L SNOWDEN PhD Prof and Head of Dept 1J R HAMILTON EdD Prof Agr Educ

1J F SHILL PhD Asst Prof Agr Educ

1G M WALKER MAgr Assoc Prof Agr Educ

5750 Engineering (Agr and Biol)

12W R FOX PhD Prof and Head of Dept

12J B ALLEN PhD Asst Prof Soil and Water

12W H BROWN PhD Asst Prof Anim Environ 3C P BRYSON BS Asst Ext Agr Engin Cotton Mech and

Ginning 4-H

12J W BUTLER BS Res Asst Proc

12R L CLARK MS Res Assoc Structure and Proc

25R F COLWICK MS Prof Power and Mach 12L E COOK BS Res Tech Power and Mach

12W R CRUMPTON MS Res Assoc Power and Mach

12J T DAVIS BS Res Asst Power and Mach

12F F. EDWARDS MS Prof Power and Mach

5740

5750-5830 MISSISSIPPI

Engineering (Agr and Biol)—Continued	Forestry (Sch of For Resources)—Continued
25J A FRIESEN MS Res Assoc Proc	12W F MILLER Jr MF Asst Prof For 12J E MOAK PhD Prof For
25F E FULGHAM BS Res Assoc Power and Mach	3W W MONTFORT Jr BS Asst Ext For
12M W GARTON BS Res Asst Power and Mach	12E L PRINE BS For Ranger
25J W JONES BS Res Asst Power and Mach 12T N JONES MSAE Agr Engin Power and Mach	12E G ROBERTS PhD Prof For
12E A KIMBROUGH MS Assoc Prof Soil and Water	3R R ROBERTSON MF Assoc Ext For
12R K MATTHES PhD Assoc Prof Power and Mach	12R D ROSS MF Asst Prof For
25W D MAYFIELD BS Res Asst Proc	12J V STARR MF Prof For
3J L McVEY BS Ldr of Ext Agr Engin	12G L SWITZER PhD Prof For
12J C McWHORTER MS Prof Soil and Water	3J S THERRELL MS Ldr of Ext For
12G E MILES BS Res Asst Power and Mach	Home Economics 5790
3D L MILLER BS Assoc Ext Agr Engin Mater Handling	Home Economics 5790  12PHODBE T HARRIS PhD Prof Fam Econ and Home
3K R RAY Ext Agr Engin Housing and Arch	Mgt and Head of Dept
12F L SHUMAN PhD Assoc Prof Power and Mach	12Mrs HELEN K ARMSTRONG PhD Assoc Prof Fam Econ
12L A SMITH BS Res Asst Soil and Water	and Home Mat
12E D THREADGILLPhD Asst Prof Plant and Environ	3Mrs JULIA H BARNES MS Ext Home Mat Spec
4H O VAIGNEUR PhD Assoc Prof Soil and Water	12Mrs MARILYN G CUMMINGS MS Asst Home Econ
12G B WELCH PhD Prof Agr Structures	Housing and Home Furn
12R E WILLIAMSON MS Res Assoc Power and Mach	3MARGUERITE O DAVIS MS Ext Spec Cloth
E-A	3Mrs WILLIE F FELDER MS State Ldr Home Econ Prog
Enternology 5760	3FRANCES FORTENBERRY MS Ext Spec Housing
12F G MAXWELL PhD Prof and Head of Dept	and Equip
2M H ADAIR MS Res Asst 3A G BENNETT MS Ldr Ext Ent	3SARAH F FOUNTAIN MS Ext Spec Home Furn 12Mrs MARY F FUTRELL PhD Assoc Prof Foods and
12T S BROOK PhD Assoc Ent	Nutr
12H W CHAMBERS PhD Asst Ent	3INA F GRAY MS Ext Spec Foods and Nutr
3J H COCHRAN MS Asst Ext Ent	2Mrs LOIS T KILGORE MT and MS Asst Prof Foods and
12R L COMBS PhD Asst Prof	Nutr
2R L DINKINS MS Hes Asst	3ANNIE J McGINTY MS Ext Fam Life Spec
2H B GREEN MS Assoc Ent	3SUSIE E OVERSTREET MSPH Ext Spec Health Educ
12L W HEPNER PhD Prof Ent	3MARILYN PURDIE MS Ext Spec Foods and Nutr
2C E HOELSCHER MS Res Asst	2BETSY STARK BA Res Asst
2R T KINCADE MS Res Asst	
12W W NEEL PhD Assoc Prof	Horticulture 5800
12H N PITRE PhD Assoc Prof	12C C SINGLETARY PhD Prof Hort and Head of Dept
12S B VINSON PhD Ass∞ Prof	12GR AMMERMAN PhD Prof Food Technol 12COBOX PhD Prof Ornam
1C A WILSON MS Prot Ent	1J H BOWEN MLA Asst Prof Landsc Arch
3D F YOUNG PhD Assoc Ext Ent	3J T GARRETT MS Ext Hort (Veq)
Extension Administration 5770	
Extension Administration 5770 3WM BOST MS Dir	3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops
3WM BOST MS Dir	3W C GORDON MS Ext Hort (Ornam)
	3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort 12C H KORNS MS Asst Prof Ornam
3WM BOST MS Dir 3CR AIKEN PhD Ext Res and Training Off	3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort 12C H KOHNS MS Asst Prof Ornam 1E C MARTIN Jr BFA Asst Prof Landsc Arch
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst	3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort 12C H KORNS MS Asst Prof Ornam 1E C MARTIN Jr BFA Asst Prof Landsc Arch 12E L MOORE PhD Prof Veg Crops
3WM BOST MS Dir 3C R AUKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldt Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Prog 3J R CARPENTER MS Asst Dir	3W C GORDON MS Ext Hort (Ornam) 12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort 12C H KOHNS MS Asst Prof Ornam 1E C MARTIN Jr BFA Asst Prof Landsc Arch 12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor 12J P OVEHCASH PhD Prof Pomol
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CAPPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldt Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTEH MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Agt	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing 5810
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Adt 3M W EDWARDS MS Dist Adt 3Mrs WILLIE F FELDER MS State Ldr Home Econ Proq	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktg  3TRUETT S BUFKIN MS Asst Ext Mktg Spec  3L L MONROE BS Asst Ext Mktg Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KOHNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3Mrs WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketina  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3WA COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M'rs WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketina  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3Mrs WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketina  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3Mrs WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTEH MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lq WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketina  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  5820
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3M's WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3K H MAHTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Paq Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktg  3TRUETT S BUFKIN MS Asst Ext Mktg Spec  3A T PULLIN BS Asst Ext Mktg Spec  3A T PULLIN BS Asst Ext Mktg Spec  3ANN O RUSHING BS Asst Ext Mktg Spec  3D L TRAMMFLL MS Asst Ext Mktg Spec  3J C WILSON MS Asst Ext Mktg Spec  5820  Plant Pathology and Weed Science  5820
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTEH MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lq WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3MS CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  5820  Plant Pathology and Weed Science  12W W HARE PhD Prof Veq Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVEL AND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3J R GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktg  3TRUETT S BUFKIN MS Asst Ext Mktg Spec  3A T PULLIN BS Asst Ext Mktg Spec  3A T PULLIN BS Asst Ext Mktg Spec  3ANN O RUSHING BS Asst Ext Mktg Spec  3D L TRAMMFLL MS Asst Ext Mktg Spec  3J C WILSON MS Asst Ext Mktg Spec  5820
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3Mrs WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY LG WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mkta  3TRUETT S BUFKIN MS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3ANN O RUSHING BS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  12W W HARE PhD Prof Vea Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125T LDON E ASSLEY MS Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Weed Sci
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVEL AND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3M W EDWARDS MS Dist Aat 3M W EDWARDS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3J R GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Adt 3Mrs CARMEN P RONKEN MS DISt Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KOHNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HARE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Field Crops  Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Edr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M's WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Act 3J P JOHNSON MS Dist Act 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Act 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  12STILDON EASLEY MS Adjunct Assoc Prof Weed Sci  12SM C FUTRELL PhD Adjunct Assoc Prof Weed Sci  12C H GRAVES Jr PhD Prof Fruit Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3R B COOPER MS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON M
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVEL AND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Act 3J P JOHNSON MS Dist Proq Ldr 3J MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Act 3Mr SCARMEN P RONKEN MS DIST Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KOHNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETTS BUFKIN MS Asst Ext Mktq Spec  3A TPULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMELL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HARE PhD Prof Veq Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Weed Sci  12C H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3M's WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aat 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4-H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F PULLER BS Asst State 4-H Club Ldr 3J F GRAY MS Asst Ext Spec Foods and Nutr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  5810  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HARE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  12SM C FUTRELL PhD Adjunct Assoc Prof Field Crops Dis  12C H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVEL AND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Act 3J P JOHNSON MS Dist Proq Ldr 3J MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Act 3Mr SCARMEN P RONKEN MS DIST Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mkta  3TRUETT S BUFKIN MS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3ANN O RUSHING BS Asst Ext Mkta Spec  3D L TRAMMELL MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  126 G RAVES Jr PhD Prof Fruit Dis  25V C HAHRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  125E E ROSENKHANZ PhD Adjunct Asst Prof Corn Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Ldr Home Econ Proq 3J H CARPENTEH MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3WA COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Adt 3Mrs CARMEN P RONKEN MS DISt Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J NAF GRAY MS Asst State 4-H Club Ldr 3J NAF GRAY MS Asst State 4-H Club Ldr 3J WAMES MS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mkta  3TRUETT S BUFKIN MS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3ANN O RUSHING BS Asst Ext Mkta Spec  3D L TRAMMELL MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  12W W HAHE PhD Prof Vea Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Field Crops Dis  12C H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  125E E ROSENKRANZ PhD Adjunct Asst Prof Corn Dis  121 A SPENCER PhD Asst Prof Ornam Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3L H MOSELEY MS Dist Aqt 3Mr SCARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mkta  3TRUETT S BUFKIN MS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3ANN O RUSHING BS Asst Ext Mkta Spec  3D L TRAMMELL MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  126 G RAVES Jr PhD Prof Fruit Dis  25V C HAHRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  125E E ROSENKHANZ PhD Adjunct Asst Prof Corn Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J H CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3LH MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3DULIE D McWHIRTER MA Assoc State 4-H Club Ldr 3MAR ROWZEE MS Assoc State 4-H Club Ldr 3MAR SLOU M SMITH BS Asst State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mkta  3TRUETT S BUFKIN MS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3A T PULLIN BS Asst Ext Mkta Spec  3ANN O RUSHING BS Asst Ext Mkta Spec  3D L TRAMMELL MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  3J C WILSON MS Asst Ext Mkta Spec  12W W HAHE PhD Prof Vea Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Field Crops Dis  12C H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  125E E ROSENKRANZ PhD Adjunct Asst Prof Corn Dis  121 A SPENCER PhD Asst Prof Ornam Dis
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVEL AND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Act 3M W EDWARDS MS Dist Act 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3J MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Act 3Mr S CARMEN P RONKEN MS DIST Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J W JAMES MS Asst State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVEHCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3L L MONROE BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HARE PhD Prof Veq Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  125A B WILES PhD Adjunct Asst Prof Corn Dis  121A SPENCER PhD Asst Prof Ornam Dis  125A B WILES PhD Adjunct Prof Cotton Dis  Poultry Science  12I E HILL MS Prof and Head of Dept
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M's WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3K H MAHTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4-H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F GRAY MS Asst Ext Spec Foods and Nutr 3J W JAME'S MS Asst Ext Spec Foods and Nutr 3J W JAME'S MS Asst State 4-H Club Ldr 3MAR GOWZEE MS Asst State 4-H Club Ldr 3MAR OWZEE MS Assoc State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Weed Sci  12G H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  13G K PARRIS PhD Prof For Dis  125E E ROSENKHANZ PhD Adjunct Asst Prof Corn Dis  125A B WILES PhD Adjunct Prof Cotton Dis  Poultry Science  12I E HILL MS Prof and Head of Dept  2R D BUSHONG MS Res Asst Nutr
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3W E AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aat 3M W EDWARDS MS Dist Aat 3M'S WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY La WARD BA Asst Ext Acct 3K H MARTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aat 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J N F FULLER BS Asst State 4-H Club Ldr 3J N J AMES MS Asst State 4-H Club Ldr 3J N J AMES MS Asst State 4-H Club Ldr 3J N J AMES MS Asst State 4-H Club Ldr 3J W J AMES MS Asst State 4-H Club Ldr 3M A ROWZEE MS Assoc State 4-H Club Ldr 3M R OW JEE MS Assoc State 4-H Club Ldr 3M R OW JEE MS Assoc State 4-H Club Ldr 3M R OW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr 3M R ROW JEE MS Assoc State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops  3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops  1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TLDON EASLEY MS Adjunct Assoc Prof Weed Sci  12G K PARRIS PhD Prof Fruit Dis  25V C HAHRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  12G K PARRIS PhD Prof For Dis  12SA B WILES PhD Adjunct Asst Prof Corn Dis  12J A SPENCER PhD Asst Prof Ornam Dis  125A B WILES PhD Adjunct Prof Cotton Dis  Poultry Science  12 I E HILL MS Prof and Head of Dept  2R D BUSHONG MS Res Asst Nutr  12E J DAY PhD Prof Nutr
3WM BOST MS Dir 3C R AIKEN PhD Ext Res and Training Off 3WE AMMONS BS Spec Staff Asst 3B E BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3G L BERRY MS Dist Proq Ldr 3MAMIE J BROCK MS Dist Ldr Home Econ Proq 3J R CARPENTER MS Asst Dir 3JOYCE A CLEVELAND MS Dist Ldr Home Econ Proq 3W A COX BS Chief Clk 3C B DUKE Jr MS Dist Aqt 3M W EDWARDS MS Dist Aqt 3M's WILLIE F FELDER MS State Ldr Home Econ Proq 3T M GRUBBS MS Dist Aqt 3J P JOHNSON MS Dist Proq Ldr 3MAY Lα WARD BA Asst Ext Acct 3K H MAHTIN MS Ext Acct 3L C MASON MS Dist Proq Ldr 3L H MOSELEY MS Dist Aqt 3Mrs CARMEN P RONKEN MS Dist Ldr Home Econ Proq 3R C SIMMONS MPA Assoc Dir 3KATHERINE SIMPSON MS Dist Ldr Home Econ Proq 4-H CLUB WORK 3G H WHITE MS State 4-H Club Ldr 3J F FULLER BS Asst State 4-H Club Ldr 3J F GRAY MS Asst Ext Spec Foods and Nutr 3J W JAME'S MS Asst Ext Spec Foods and Nutr 3J W JAME'S MS Asst State 4-H Club Ldr 3MAR GOWZEE MS Asst State 4-H Club Ldr 3MAR OWZEE MS Assoc State 4-H Club Ldr	3W C GORDON MS Ext Hort (Ornam)  12H L HAMMETT PhD Assoc Prof Veg Crops 3CHESLEY HINES MS Ext Ldr Hort  12C H KORNS MS Asst Prof Ornam  1E C MARTIN Jr BFA Asst Prof Landsc Arch  12E L MOORE PhD Prof Veg Crops 1RALPH NULL BS Instr Flor  12J P OVERCASH PhD Prof Pomol  12F D RAUCH PhD Asst Prof Ornam  Marketing  3C H MANASCO MS Ldr Ext Mktq  3TRUETT S BUFKIN MS Asst Ext Mktq Spec  3A T PULLIN BS Asst Ext Mktq Spec  3ANN O RUSHING BS Asst Ext Mktq Spec  3D L TRAMMFLL MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  3J C WILSON MS Asst Ext Mktq Spec  12W W HAHE PhD Prof Veg Dis and Head of Dept  12D C BAIN PhD Prof Field Crops Dis  12A W COLE PhD Assoc Prof Weed Sci  125TILDON EASLEY MS Adjunct Assoc Prof Weed Sci  125M C FUTRELL PhD Adjunct Assoc Prof Weed Sci  12G H GRAVES Jr PhD Prof Fruit Dis  25V C HARRIS MS Collab Weed Sci  3W F MOORE MS Ext Plant Path  13G K PARRIS PhD Prof For Dis  125E E ROSENKHANZ PhD Adjunct Asst Prof Corn Dis  125A B WILES PhD Adjunct Prof Cotton Dis  Poultry Science  12I E HILL MS Prof and Head of Dept  2R D BUSHONG MS Res Asst Nutr

MISSISSIPPI 5830-5880

Poultry Science-Continued	Substations—Continued
3E W GARRISON MS Assoc Poultryman	Black Belt Br Expt Sta (PO Brooksville 39739) 2R E COATS MS Supt
12BRUCE GLICK PhD Prof Physiol	2ROSCOE IVY BS Dairyman and Asst Aaron
2GOPAL KRISHNA MS Res Asst Nutr	Brown Loam Br Expt Sta (PO Raymond 39154)
2PRAKASH KULKARNI MS Res Asst Physiol	2E G MORRISON MS Supt
12K N MAY PhD Prof Poultry Technol 2G W MORGAN Jr MS Res Asst Physiol	2W J GILL BS Asst Agron
2KOJI SATO PhD Res Asst Physiol	Coastal Plain Br Expt Sta (PO Newton 39345)
2C D SCHULTZ MS Res Asst Nutr	2ROY KUYKENDALL BS Supt
12C H THOMAS PhD Prof Genet	2J W McMILLAN BS Asst Acron 2T G SANDERS MS Dairy Spec
2J A WILSON PhD Res Asst Physiol	2B E WAGGONER MS Asst Agron
3PAUL YOUNT BS Leader of Ext Poultry Husb	Delta Br Expt Sta (PO Stoneville 38776)
Resource Development 5835	2W K PORTER Jr PhD Supt (Tel 601 Leland 686-7281
Resource Development 5835 3W W LINDER MS Ldr in Resource Devlpmt	Ext 200)
3ALBERTA DISHMON BA Asst in Resource Devipmt	2DAVINDERJIT K BAGGA PhD Assoc Plant Path
3T H LOFTIN BS Asst Ext Spec in Resource Devlpmt	Weeds 2HSBAGGA PhD Assoc Plant Path Cotton
3T M MOMAN Jr MS Asst in Resource Devlpmt	5J C BAILEY PhD Ent Soybeans
3Mrs LILLIAN O PALMER BS Asst in Resource Devlomt	2R S BAKER PhD Plant Physiol Weed Control Cotton
3Mrs ESTHER W REED MS Asst in Resource Devlpmt	5G L BARKER MS Agr Engin Cotton Harvesting
Socialogy and Rural Life (Sch of Arts and Sci) 5840	24W L BARRENTINE MS Assoc Plant Physiol Weed
Sociology and Reral Life (Sch of Arts and Sci)  123J H WATSON PhD Prof and Head of Dept	Control
1Mrs MARTHA J ALDRIDGE MA Instr	5B G BLACKMON MF Res For 2D H BOWMAN PhD Agron Rice Cult
1A W BAIRD MS Asst Prof	2R R BRIDGE PhD Plant Genet Cotton Brdg
12Mrs ELLEN S BRYANT MA Instr and Asst Social	5C B BRISCOE DF Res For
1Mrs ELAINE COOPER MSW Assoc Prof	5W M BROADFOOT MS Soil Sci For
1SATADAL DASGUPTA PhD Asst Prof	2E G BURCHFIELD BS Asst to Supt
1EDNA R DAVIS MA Assoc Prof	2G M CAMPBELL PhD Hort Veg Crops
1J M GARZA PhD Assoc Prof	5C W CATHILY MS Plant Physiol Cotton 2J F CHISM BS Res Assoc Cotton Impr
1GERALD GLOBETTI PhD Assoc Prof 1D W HARPER Jr PhD Asst Prof	5F T COOKE Jr MS Agr Econ Farm Mat and Costs
1A R JONES PinD Asst Prof	45'V N DARWIN MF For Prods Technol
1H F KAUFMAN PhD Prof Social and Dir Social Sci	2L B DAVIS BS Assoc Ent Cotton and Other Crops Ins
Res Center	5C J EDWARDS BS Auron Soybeam Cult
Mrs PAMELA B LANDERS MA Instr	5T H FILER Jr PhD Path For
150 F. LEONARD PhD Adjunct Prof	2C D FISHER BS Asst Supt 5R E FURR PhD Ent Cotton Ins
1R A MARSHALL MA Asst Prof	5C W GANTT MS Agr Engin Weed Control
1Mrs GRACE S POMEROY MA Instr 1C H PYNE MA Asst Prof	5E E HARTWIG PhD Agron Soybean Brdg
1AVTAR SINGH PhD Asst Prof	20 W HOGUL ME Asst Plant Physiol Weed Control
123C R SOLLIE PhD Assoc Social and Ldr of Ext Rural	Cotton
Social and Com Organ	7J S HURSH Agr Met
12W A STACEY MA Asst Prof and Asst Social	2H # IVY MS Asst Physiol Weed Control 5R L JOHNSON MS For
12Mrs ELISABETH J STOJANOVIC MA Instrand Asst	5BL KEELING PhD Plant Path Soybean Dis
Social Social Professional Prof	5H E KENNEDY Jr MS Res For
1E R THOMAS MCW Assoc Prof  12 C L VANLANDINGHAM MA Instrand Res Asst	5T C KILEN PhD Aaron Sovbeans
1G J VRANAS MA Asst Prof	5R M KRINARD MF For
1K P WILKINSON PhD Asst Prof and Asst Social	2M L LASTER PhD Ent Cotton Ins 5F I McCRACKEN MS Plant Path For
Psychol	5J S McKNIGHT MF For
	15C G McWHORTER PhD Plant Physiol Weed Control
Veterinary Science 5850	Cotton and Soybeans
12S A DWING DVM and PhD Head of Dept 12W M BRYAN DVM and PhD Assoc Bact	5L C MAISENHELDER MF For
2J N LOVE MS Asst Bact	15W R MEREDITH PhD Agron Cotton Brdq 2VESTA G MEYER MS Assoc Genet Cotton
12H F McCRORY DVM Vet	5C A MOHN MS Res Genet For
2Mrs ELEANOR G McFWEN BS Asst Bact	45R C MORRIS MF Ent For
	15R E PARKER PhD Agr Engin Cotton Harvesting
Wildlife Management (Sch of For Resources) 5860	8R C PERRON MD Field Epidemiol People
12D H ARNER PhD Prof and Head of Dept	2J V PETTIET PhD Agron Fert and Soils
Wood Science and Technology (Sch of For Resources and For	5TRPFRIMMERPhD Ent Cotton Ins 2CAPIERCE BS Asst to Supt
Prod Util Lab) 5870	2JULIA C PUGH MS Libr
16WS THOMPSON PhD Prof Head of Dept and Dir For	2W A PUND MS Assoc Anim Husb
Prod Util Lab	5J A PUTNAM BS Hardwood Spec
16H R ROGERS MS Asst Prof	5W K RANDALL MS Res For
16R R STEVENS MS Asst Prof	5C D RANNEY PhD Plant Path Cotton Dis
16F W TAYLOR PhD Assoc prof and Asst Dir For Prod Util Lab	2J F. REAMES BS A car Englin 5B A ROARK PhD Plant Physiol Cotton
16E R TOOLE PhD Asst Prof	5R H ROBERTS PhD Ent Livestock
16T E WOOTEN PhD Asst Prof	5E L ROBINSON PhD Plant Physiol Weed Control
16JOF, YAO PhD Asst Prof	Cotton
	5A L SCALES BS Ent Cotton Ins
Miscellaneous 5875	5F "SHROPSHIRL BS Hardwood Spec 5L L SMITH MS Agr Engin Seed Storage
Miscellaneous 5875  1G R LEWIS MLS Dir of Librs	5J D SOLOMON MS Ent For
O I DENTE NILLO DE SE DIDIO	2W I SPURGEON MS Assoc Agron Fert and Cotton Syst
Substations 5880	
2H H LEVECK MS Dir	9.

#### Substations—Continued

5E A STADELBACHER PhD Ent Cotton Ins

5R O THOMAS PhD Plant Physiol Cotton

2G A VANDERFORD BS Pesticides Invest People

5J A VOZZO PhD Plant Physiol For

125E B WILLIAMSON BS Agr Engin Cotton Mech

5J R WILLIFORD MS Agr Engin Weed Control

2G D WILLS PhD Plant Physiol Weed Control 150 B WOOTEN BS Aar Enain Weed Control

North Miss Br Expt Sta (PO Holly Springs 38635)

2S P CROCKETT MS Supt

2B L ARNOLD MS Agron

Northeast Miss Br Expt Sta (PO Verona 38879)

2R C ALBRITTON BS Supt

Pontotoc Ridge-Flatwoods Br Expt Sta (PO Pontotoc 38863)

2B C HURT Jr BS Supt 2C A BRISCOE BS Asst Supt

South Miss Br Expt Sta (PO Poplarville 39470)

2T C ASHLEY MS Supt

2C L BLOUNT MS Agron

2W A BROCK MS Agron

5BOWDEN CRANDALL Hort

5R E JEZEK BSAE Agr Engin

2W W KILBY MS Hort

SSAMUEL MERRILL Jr MS Hort

5J T RAESE PhD Plant Physiol

Truck Crops Br Expt Sta (PO Crystal Springs)

2J A CAMPBELL MS Supt

23D A AULTMAN BS Asst Hort and Asst Ext Agron Soil Testing

2W O THOMAS MS Assoc Hort

2S L WINDHAM PhD Hort

Division of Vocational Education (Agriculture, Home Economics, and Industrial Education) of Alcorn Agricultural and Mechanical College, Lorman 39096

1College Staff

5890

1.J D BOYD MS Pres (601-437-5151 Ext 202)

1.J A MORRIS EdD Dir Div of Vocat Educ (601-437-5151 Ext 266)

1D C CARTER MS Chmn of Dept of Agr Assoc Prof Anim and Dairy Husb (601-437-5151 Ext 246)

1Mrs LINELLE E GRIER MS Chmn of Dept of Home Econ and Teacher Trainer (601-437-5151 Ext 283)

IN C BUFORD MS Chmn of Dept of Indus Educ and Asst Prof Indus Educ (601-437-5151 Ext 212)

Agriculture

5900

1W C BOYKIN EdD Head Teacher Trainer Agr Educ 1E S BURKE MS Prof Anim Husb

1J W FORTENBERRY MS Agr Econ Res

1A G GORDON MS Itinerant Teacher Trainer Aar Educ

1H E GRIER MS Asst Prof Anim Sci

1W F JACKSON MS Asst Prof Aar Educ and Engin

Home Economics

5910

1Mrs RUTH R DEASE MA Asst Prof Child Devlpmt 1Mrs JERELENE M FOBBS MS Asst Prof Cloth and Relat Arts

1MODESTINE SMITH MS Itinerant Teacher Trainer Home Econ

1Mrs JUNE B TARTT MS Inst Foods and Nutr 1Mrs SARAH WILLIAMS MS Asst Prof Home Mgt

## Industrial Education

5920

1LAWRENCE BARNES MS Instr Masonry 1LEROY JACKSON BS Instr Laundering and Dry Cleaning

1C K MILLER MS Instr Elec 1K L SIMMONS MS Instr Carpentry 1O O WILLIAMS MS Asst Prof Plumbing and Heating

## MISSOURI

The College of Agriculture, the Agricultural Experiment Station, the Cooperative Extension Service, and the Schools of Forestry, Home Economics, and Veterinary Medicine of the University of Missouri, Columbia 65201

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6U S Weather Bureau 7Mo Seed Improvement

5930

123.J V SC: WAID \ PhD Univ Chana (314-449-9429)

121. E PECK PhD Vice Pres for Res and Grad Studies (314-449-8186)

121 C MU NOCK PhD Dean of Grad Sch and Dir Res Admin (314-449-9236)

123E R KIEFL PhD Dean of Col of Aar and Dir of Sta (314-449-9301)

12R J ALDRICH PhD Assoc Dean of Col of Aar for Res and Assoc Dir of Sta (314-449-9301)

12" C FOLKS PhD Assoc Dean of Col of Aar (314-449-

2H.J. L'HOTE MA Asst Dir of Sta (314-449-9301)
12R R ROGERS MS Asst to Dean and Dir of Col of Aar

and Agr Expt Sta (314-449-9301)

12S E SCOBEE BS Fiscal Off of Col of Aar (314-449-9301) 3S H BODENHAMER PhD Assoc Dean Col of Aar for

Ext (314-449-9301) 123R ? FEZONI BS Comptroller (314-449-8041)

123A M PRICE BS Univ Treas (314-442-9151)

123C M WOODRUFF PhD Prof Chem and Chmn of Dept 12J M. POEHLMAN PhD Prof Small Grain Brda and Assoc Chmn of Dept

12W A ALBRECHT PLD Prof Emeritus

3LAUREL ANDERSON PhD Prof Weed Sci Crops 12K H ASAY PhD Asst Prof Grass Brdg

7W E ASLIN BS Res Assoc Seed Prod

5J D BALDRIDGE PhD Assoc Prof Forage Brdg

12R W BLANCHAR PhD Assoc Prof Chem

12J R BROWN PhD Asst Prof Microbiol

2N A BROWN MS Instr Aaron and Supt Delta Center

12L E CAVANAH MS Assoc Prof Agron and Fdn Seed Prod 3C M CHRISTY MS Assoc Prof Soils

2L A DUCLOS MS Asst Prof Crop Brda 1J N FALLOON BS Prof Soils and Soil Fert and Water Mat Adv-India Proa

12T R FISHER PhD Asst Prof Chem

120 H FLETCHALL PhD Prof Weed Sci

7F E FORSYTH BS Kes Assoc Seed Prod

12E R GRAHAM PhD Prof Chem

2C C HAYWARD MEd Asst Prof Agron and Asst Supvr 23R D HORROCKS PhD Asst Prof Testing

2N E JUSTUS PhD Assoc Prof and Supt Southwest Center

2H D KERR PhD Asst Prof Weed Sci

12A W KLEMME PhD Prof Emeritus

12G F KRAUSE PhD Assoc Prof and Agr Expt Sta Statis

124E M KROTH PhD Asst Prof Fert

12H H KRUSEKORF AM Prof Emeritus 5P J LOESCH PhD Asst Prof Corn Genet

2Mrs PERLA L LOPEZ PhD Asst Prof Biochem

5S A LOWANCE MS Res Assoc Weed Control Forages

5V D LUEDDERS PhD Res Assoc Plant Brdg

7D K LUMSDEN BS Res Assoc Seed Prod

1C E MARSHALL PhD Prof Mineral

5A G MATCHES PhD Assoc Prof Forgge Mat

2R E MATTAS MS Instr Fert

3B J MILLER MS Instr

1W J MURPHY MS Prof Agron and Agron Adv Seed Impr India Prog

12C J NELSON PhD Asst Prof Crops Sci

2J MOADES PhD Post Doctoral Fellow

5E J PETERS PhD Assoc Prof Weed Control Forages

3A L PRESTON Jr MA Assoc Prof Soils

2J A ROTH MS Asst Prof Fert

2W P SAPPENFIELD PhD Prof Cotton Brdg

3J H SCOTT Jr BS Assoc Prof Crops

12C L SCRIVNER PhD Assoc Prof Morphol

5935-5980

MISSOURI Agronomy-Continued Dairy Husbandry-Continued 1D T SECHLER PhD Assoc Prof and Res Adv India Prog 2T H KAMAL PhD Post Doctoral Fellow Environ 1G E SMITH PhD Prof Fert and Dir of Water Resource Physiol 12H H KIBLER BS Asst Prof Environ Physiol 12VIOLA M STANWAY MA Asst Prof Seed Technol 3ALFRED LANE PhD Asst Prof Nutr 5C F STARK MS Res Assoc Com Brdg 12F A MARTZ PhD Assoc Prof Nutr 12R C THOMASON PhD Asst Prof Crop Brdg 3F H MEINERSHAGEN MS Prof Prod 1W J UPCHRUCH PhD Assoc Prof Mineral and Soil Sci 12C P MERILAN PhD Prof Physiol and Biophys Adv India Proa 2H SPEET BS Asst Prof and Asst Supvr Aar Res Oper 12A C RAGSDALE DSc Prof Emeritus 12G H WAGNER PhD Assoc Prof Microbiol 3H N WHEATON PhD Assoc Prof Forage Prod 12W H E RIID MA Prof Emeritus
12J D SIKES PhD Assoc Prof Physiol and Genet 5M S ZUBER PhD Prof Corn Brdg 12C W TURNER PhD Prof Emeritus 5940 Animal Husbandry 123A J DYER PhD Prof and Chmn of Dept 5970 Economics (Agr) 3MELVIN BRADLEY PhD Prof Swine 123V J RHODES PhD Prof and Chmn of Dept 2J L CLARK PhD Asst Prof and Supvr Low Level Radiat 30 E ALLEN BS Prof Dairy Mkta Lah 15L D BENDER PhD Assoc Prof Econ Devlomt 12J E COMFORT MA Assoc Prof Prod and Mat 23R J BEVINS PhD Assoc Prof Land Econ 1W W CRENSHAW DVM Assoc Prof Anat 1G E BIVENS PhD Prof Fam Econ 12B N DAY PhD Prof Physiol Reprod 12M G BLASE PhD Assoc Prof Resource Devlpint 1K B BOGGS PhD Prof Dairy Mkta 2L H LANGFORD MA Assoc Prof and Supt No Mo Center 12J F LASLEY PhD Prot Anim Genet 12C H BRASCHLER PhD Assoc Prof Regional Econ 12R K LEAVITT MS Supvr of Swine Eval Center 123H F BREIMYER PhD Prof Mktg and Policy 3J W MASSEY PhD Assoc Prof Anim Brda 12DURWARD BREWER PhD Assoc Prof Resource Devlomt 3E S MATTESON BS Prof Emeritus 3T G BROWN PhD Prof Farm Mat 12.J J MATZ Jr PhD Asst Prof Prod and Mat 12D K COLYER PhD Assoc Prof Prod Econ 12W H PFANDER PhD Prof Anim Nutr 12R L PRESTON PhD Prof Anim Nutr 12C L CRAMER PhD Assoc Prof Livestock Mkta Statis 3C R CUNNINGHAM PhD Prof Veg and Fruit Mkta Retail-3J C REA PhD Asst Prof Swine ing-Wholesgling 12G L RICHARDSON PhD Asst Prof Prod and Mat 12R M FINLEY PhD Prof Farm Mat 1C V ROSS PhD Prof Prod and Mat 12K U FLOOD LLB DBA Prof Mat and Logistics 3J E ROSS MS Asst Prof Sheep and Swine 5G A GILLESPIE PhD Res Assoc Resource Devlpmt 3J A SAGEBIEL PhD Asst Prof and Supt Weldon Springs 3G A GRIMES MS Assoc Prof Livestock Mkta 123A R HAGAN PhD Prof Farm Mat Center 3H B SEWELL PhD Assoc Prof Cattle 12C E HARSHBARGER PhD Asst Prof Prod Econ 12G B THOMPSON PhD Assoc Prof Prod and Mat 12J C HEADLEY PhD Assoc Prof Prod Econ 12T L VEUM PhD Asst Prof Prod and Mat 5HERBERT HOOVER MS Res Assoc Econ Devlpmt 3V E JACOBS PhD Assoc Prof Form Mat 3T L JOULE MA Prof Poultry Mktg Retailing-Whole-5945 Atmospheric Science 12W L DECKER PhD Prof Biomet and Chinn of Dept saling 23C L KIRTLEY PhD Asst Prof Farm Mat 12G L DARKOW PhD Assoc Prof Dynamics 5L F HAND BS Res Assoc Agr Met 3C E KLINGNER MA Prof Public Policy 12D R LEVI JD Asst Prof Aar Law

1J W McKEJSEY MA Instr and Chief of Party India Proa 12S R JOHNSON PhD Assoc Prof Econometrics 12E C KUNG PhD Assoc Prof Gen Circulation 3C G McNABB PhD Prof Econ Devlomt
1C R MEEKER BS Prof and Ext Inform Adv India Proa 16J D McQUIGG PhD Assoc Prof Statis Met 1V A METCALF PhD Assoc Prof Cotton Mktg and Asst 5950 Chemistry (Agr) to Chanc 12R A BLOOMFIELD PhD Prof and Chmn of Dept 123E J METZEN EdD Assoc Prof Consum Econ 12R D ARTHUR MS Instr Biochem 12FRANK MILLER PhD Prof Emeritus Land Econ 12W A AUE PhD Asst Prof Chem Anal 12K E MILLER MBA Assoc Prof Livestock Mkta 1J D BURNETT MS Instr 2R G COOPER PhD Asst Prof Hemostasis 23D E MOSER MS Assoc Prof Transp and Mkta 3J M RAGSDALE MS Prof Cash Crops Mkta 2C N CORNELL DVM Asst Prof Hemostasis 5D D RAITT MS Res Assoc Water Resources 12E W COWAN MA Prof Emeritus 3L F ROTTMANN MS Asst Prof Farm Mat 12M S FEATHER PhD Asst Prof Starch Chem 12LAURA M FLYNN PhD Assoc Prof Retired 12K C SCHNEEBERGER PhD Asst Prof 2R E TORGERSON PhD Post Doctoral Fellow Mkta and 123G B GARNER PhD Assoc Prof Forage Anal 12C W GEHRKE PhD Prof Chem Anal Policy 12L A VOSS PhD Assoc Prof Poultry Mktg 2L D HAIGH PhD Assoc Prof Emeritus 2P F WARNKEN PhD Assoc Prof Land Econ and Internal 2Mrs CORAZON R HASTINGS PhD Post Doctoral Fellow Devlpmt Phys Chem 3J M WELCH PhD Prof Food Sci and Nutr 12S R KOIRTYOHANN PhD Asst Prof Instrum Chem Anal 12J G WEST PhD Prof Prices and Resource Devlpmt 2STANISLAW LAKOTA PhD Post Doctoral Fellow 12S F WHITTED PhD Prof Dairy Mkta Pesticide Chem 3E R WIGGINS MS Asst Prof Farm Mat 12D T MAYER Sr PhD Prof Biochem of Reprod 5D L WILLIAMS PhD Res Assoc Land Econ 12M F. MUHRER PhD Prof Physiol Chem 12B L O'DELL PhD Prof Nutr Biochem 3Mrs LORENE WILSON BS Asst Prof Consum Mktg 12E E PICKETT PhD Prof Instrum Chem Anal 2P R REXROAD MS Instr Chem Anal 3H E WORKMAN PhD Assoc Prof Prod Econ 5980 2J P USSARY MS Instr Chem Anal Editorial 2R P WILSON MS Instr Biochem 23R L LEE PhD Prof and Ed PUBLICATIONS

Dairy Husbandry

Dept

123H D JOHNSON PhD Prof Environ Physiol and Chmn of

12R R ANDERSON PhD Assoc Prof Endocrinol 12K W BOWER MS Asst Prof Reprod Physiol

12S E CURTIS MS Asst Prof Environ Physiol

12J R CAMPBELL PhD Prof Nutr

93

234P H GWIN MS Assoc Prof and Assoc Ed

3F D DAILEY MS Asst Prof Asst Ed

23D J MILLER MA Asst Prof and Asst Ed 23Mrs ELIZA B PRESTON BA Instrand Asst Ed

PRESS RADIO TV PHOTOGRAPHY VISUAL AIDS

23D E HATESOHL PhD Prof and Assoc Ed

23Mrs ORRINE Z GREGORY MA Assoc Prof Assoc Ed

5980-6020 MISSOURI

Editorial-Continued

12R J HODGSON MS Instrand Asst Ed 1T E HOFFMAN MA Instrand Asst Ed

2R R JONES MS Asst Prof and Asst Ed

1E K LESLIE EdD Assoc Prof

234W E MACKIE MA Instr Asst Ed

23G E MILLER BS Instrand Asst Ed

23R D VAN BRACKLE BS Instrumd Asst Ed

5000 Education (Aar)

1G F EKSTROM PhD Prof Emeritus

1G M LOVE PhD Prof

1C V RODERICK MEd Assoc Prof

1B R STEWART MEd Asst Prof

1C R WESTON EdD Assoc Prof

Engineering (Agr)

6000

123H V WALTON PhD Prof and Chmn of Dept

5M E ANDERSON MS Res Assoc Dairy Plant Facilities

124R P BEASLEY MA Prof Soil and Water

5L E BODE BS Res Assoc Herbicide Application

12D B BROOKER MS Prof Crop Drying and Mater Handling

3M W CLARK MS Prof Soil and Water

3E J CONSTIEN BS Asst Prof Farm Mach

3F M CRAWFORD MS Asst Prof Elec

12C F CROMWELL Jr MS Asst Prof Drain Irrig Soil and Water

12C L DAY PhD Prof Elec Power and Proc

5J R FISCHER BS Res Assoc Dairy Plant Facilities
12J C FRISBY PhD Asst Prof Farm Mach

5M R GEBHARDT MS Res Assoc Herbicide Application

3R M GEORGE BS Asst Prof Mater Handling

12C E GOERING PhD Asst Prof Farm Power and Mach

5G L HAHN MS Res Assoc Livestock Environ

5H G HEINEMANN BS Res Assoc Soil and Water 12M M JONES MS Prof Emeritus Farm Power and

Mach Farm Elec and Farm Shopwork

5R V KEPPEL MS Res Assoc Hydrol

5L A KRAMER MS Res Assoc Watershed Hydrol

1R E LINHARDT MS Instr Farm Mech 5H F MAYES BS Res Assoc Livestock Facilities

2K L. McFATE MS Assoc Prof Farm Elec and Mater Handling

12J S McKIBBEN MS Assoc Prof Power and Mach and Shop Mech

12N F MEADOR PhD Asst Prof Structures

3M R PETERSON MS Instr Irria and Drainage

5R F PIEST BS Res Assoc Hydrol and Hydraulics 5D L RAUSCH MS Res Assoc Reservoir Sedimentation

3R L RICKETTS MS Prof Structures

5K E SAXTON MS Res Assoc Watershed Hydrol

12M D SHANKLIN PhD Prof Bio-Engin

5D G STEVENS BS Res Assoc Livestock Environ 1C R WESTON EdD Assoc Prof Farm Mech

12J C WOOLEY MS Prof Emeritus

6010

123P C STONE PhD Prof and Chmn of Dept 5K D BIEVER PhD Res Assoc Bio Chimatol

12H E BROWN MA Prof Ornam Ins Ins Taxon

12G M CHIPPENDALE PhD Asst Prof Ins Physiol 3W S CRAIG PhD Assoc Prof Ent

15D M DAUGHERTY PhD Assoc Prof Ins Biol and Ecol
5C J DELOACH Jr PhD Res Assoc Ins Biol Control

12W R ENNS PhD Prof Fruit and Vea Ins Ins Taxon Acarol

12M L FAIRCHILD PhD Prof Com Ins

2KEITH HARRENDORF MS Asst Prof Cotton Ins 12LEONARD HASEMAN PhD Prof Emeritus

5J D HOFFMAN MS Res Assoc Ins Biol Control

1E C HOUSER MS Instr Ent Environ Health

5R D JACKSON PhD Res Assoc Oil Seed Ins

1A L JENKINS MS Prof Emeritus Nematol and Ent Adv India Proa

12A J KEASTER PhD Asst Prof Com Ins

12C O KNOWLES PhD Asst Prof Ins Toxicol

5F R LAWSON BA Prof and Dir USDA Biol Control of Ins Res Lab

5N L MARSTON PhD Res Assoc Behavior Genet Ecol

Entomology-Continued

3R E MUNSON PhD Asst Prof Ext Surv Ent

2G J MUSICK MS Instr Corn Ins

5F D PARKER PhD Res Assoc Taxon of Hymenoptera

3LEROY PETERS MS Instr Ent

5BENJAMIN PUTTLER BS Res Assoc Ins Biol Control

2A K SEN GUPTA PhD Post Doctoral Fellow Ins Toxicol

5G D THOMAS PhD Res Assoc Fcol Livestock Ins

3G W THOMAS MA Assoc Prof Ent

12C W WINGO PhD Prof Med and Vet Ent

12T R YONKE PnD Asst Prof Taxon Morphol Ecol

Extension Education

6020

13R K PRICE PhD Prof and Dir of Training and Staff Devlpmt

3W L ATKINS MS Asst Prof and Dist Dir

3A C AUSHERMAN MS Prof and Ext Youth Spec

3R B BAKER MS Prof and Admin Serv Off

3C W BALLEW EdD Asst Dir Univ Ext Div

3G I BANK MS - Assoc Prof and Dir of Post Grad Med

Educ 3S H BODENHAMER PaD Prof and Assoc Dean for Ext

3G V BOYLE MS Dir Labor Educ

3JOHN ERANDIS BA Instr

34P D BURGESS MS Asst Prof and Dist Dir

3J H BURKEHOLDER MS Prof and Ext Youth Spec

3C E CAMPBELL PhD Dist Dir

3F D DAILEY MS Asst Prof and Asst Ed

3L C DOUGLAS EdD Asst Prof and Assoc Dean

3C A DUNN BS Asst Prof and Ext Youth Spec

3D C FANCHER MS Instrand Asst Dir of Educ Conf Short Courses and Courses for Audit

3G D FITZGERALD MEd Instrand Pers Off

13Mrs EILEEN E GIBSON MS Assoc Prof and Dir of Cont Educ for Women-Columbia Campus

3A F GPAHAM MS Prof and Dir Ext Youth Prog 3ROWENA E GREENE BS Assoc Prof and Prog Coord

of Cont Educ for Women 3MARY N GREENWOOD PhD Dir of Cont Educ for

Women-Univ Wide 3PETER GREGAN BA Labor Educ Spec

23Mrs ORRINE Z GRECORY MA Assoc Prof and Assoc Ed 13J G GROSS MS Asst Prof and Ext Studies Spec

234P H GWIN LIS Assoc Prof and Assoc Ed

3LARRY HALE MS Dist Dir 3B W HARRISON BS Prof and Dist Dir 23D E HATESOHL PhD Prof and Assoc Ed

3W F HEIDLAGE PhD Assoc Prof and Prog Coord Environ Health

12R J HODGSON MS Instrand Asst Ed

1T E HOFFMAN MA Instrand Agr Inform Adv India Prog

3J E HOLLAND EdD Assoc Prof and Asst Dean

3LAURENCE JOHNSON MHA Asst Prof Community Health and Med Pract

2R R JONES MS Asst Prof and Asst Ed 3H E KEITH MS Asst Prof and Dist Dir

3GRACE M KLENN MA Assoc Prof and Dist Dir

3STIRLING KYD PhD Prof and Dir of Public Affairs and Spec Proj

23R L LEE PhD Prof and Ed

TEK LESLIE EdD Assoc Prof

3CHARLINE LINDSAY MS Prof and Ext Youth Spec

234W E MACKIE MA Instrand Asst Ed

23D J MILLER MA Asst Prof and Asst Ed 23G E MILLER BS Instrand Asst Ed

3J U MORRIS BS Prof Emeritus

1JOHN MOWRER MS Instr Ext Educ and Health Educ Regional Med Prog

3J H OLLAR MS Asst to Dir of Admin Mgt

3Mrs MARGOT T PATTERSON AB Asst Prof and Prog Coord of Cont Educ for Women

3T O PERRIN MS Instr

23Mrs ELIZA B PRESTON BA Instr and Asst Ed

3JERRY PULLEY EdD Instrand Coord of Correspondence 1J P RODGERS MS Assoc Prof and Farm Mat Ext Adv

India Proa

13G P ROWE PhD Assoc Prof and Ext Youth Spec 3VIRGIL SAPP BS Asst Prof Dist Dir and Dean of Ext-St Louis Campus

3C N SCHENEMAN PhD Dir Admin Mgt

6020-6050 MISSOURI

Extension Education-Continued

3K W SERFASS BS Instr

3W R SMITH BA Instr

3A J SNIDER PhD Dir of Ext Courses and Conf 3JOHN SUTHERLAND PhD Assoc Prof and Dir Indus Res and Ext

3N G TRICKEY MS Assoc Prof and Ext Youth Spec

23R D VAN BRACKLE BS Instr and Asst Ed 3GLENN WEAVER BS Instr

3GERALD WESTWOOD MS Instrand Ext Youth Spec

3J L WHITFIELD MS Asst Prof and Dist Dir

1W T WILKENING PhD Asst Prof and Campus Coord of India Prog

3F A YOUNG BS Asst Prof and Training Off

Food Science and Nutrition

6030

123J E EDMONDSON PhD Prof and Acta Chmn of Dept 12M E BAILEY PhD Assoc Prof Food Chem

124RUTH E BALDWIN PhD Prof Food Sci and Nutr

120 J COTTERILL PhD Prof Food Sci 12M L FIFLDS PhD Assoc Prof Food Microbiol

12H B HEDRICK PhD Assoc Prof Food Sci

2Mrs BERNICE M KORSCHGEN MS Instr Food Sci

12R T MARSHALL PhD Assoc Prof Microbiol

12H D NAUMANN PhD Prof Food Sci and Distrib 12D S SHELLEY MS Instr Food Proc

123W C STRINGER PhD Assoc Prof Food Sci and Distrib

3J M WELCH PhD Prof Food Serv

Forestry, School of

6040

123D P DUNCAN PhD Prof and Dir of Sch

12K T ADAIR PhD Asst Prof For Econ and Mat 2ALLEN AUCLAIR PhD Post Doctord Fellow For Ecol

5A J BJUGSTAD PhD Res Assoc Range Mat

12G N BROWN PhD Asst Prof Tree Physiol

3M C BROWN MF Asst Prof Wood Util

12K C CHILMAN MF Asst Prof ForAdmin and Recreation

12G S COX PhD Prof For Soils

5J S CROSBY MF Res Assoc Fire

12K B DOWNING MS Instr

12F G GOFF PhD Asst Prof For Ecol

12E A E KAUDEEL PhD Visiting Prof Wood Anat and Identification

5R M LOOMIS MS Res Assoc Fire

3L E McCORMICK BS Prof For Mgt

12E A McGINNES Jr PhD Prof Wood Technol and Prod

5J L MILLET MS Res Assoc For Soils

1K E MOORE MF Asst Prof For Cartography and Engin

12R A MUSBACH BSF Asst Prof Silvic

12A J NASH PhD Prof Mensuration and Photogrammetry

12J M NICHOLS MS Assoc Prof For Mgt

124J P PASTORET MS Asst Prof Wood Technol and Prod 12L K PAULSELL MS Assoc Prof Silvic

12R B POLK MS Assoc Prof Genet and Dendrol

2SATOHIKO SASAKI PhD Post Doctoral Fellow Tree Physiol

5K W SEIDEL MS Res Assoc Silvic

12C D SETTERGREN PhD Asst Prof Watershed Mat

12R C SMITH DF Prof For Econ 5R F WATT PhD Res Assoc Tree Physiol

1R H WESTVELD PhD Dir of Sch Emeritus Prof Silvic

3F Y WHEELER MS Asst Prof For Prod

2P H ZEDLER PhD Post Doctoral Fellow For Ecol

Genetics

6045

12M G NEUFFER PhD Prof Corn Genet and Chmn of Dept 1E G ANDERSON PhD Visiting Prof Com Genet

5J B BECKETT PhD Asst Prof Corn Genet 5E H COE Jr PhD Prof Corn Genet

5G G DOYLE PhD Asst Prof Corn Cytogenet

12C SGOWANS PhD Prof Microbiol Genet

12G Y KIKUDOME PhD Assoc Prof Corn Cytogenet

1GORDON KIMBER PhD Assoc Prof Wheat Cytogenet 1MASUO KODANI PhD Assoc Prof Anim Cytogenet

5R L LARSON PhD Asst Prof Biochem

1W Q LOEGERING PhD Prof Wheat Genet

5P J LOESCH PhD Asst Prof Corn Genet

1A E LONGLEY PhD Visiting Prof Com Cytogenet

Genetics-Continued

12G P REDEL CSc Assoc Prof Plant Genet 5E R SEARS PhD Prof Wheat Cytogenet

120 P SEHGAL PhD Asst Prof Virol

2Mrs LOTTI M STEINITZ SEARS PhD Asst Prof Cytogenet

12J G WAINES PhD Post Doctoral Fellow Wheat Cytogenet

Home Economics, School of

123MARC \RET W MANGEL PhD Prof and Dir of Sch

12Mrs V :TA B ADAMS BS Asst to the Dir

3ALIC.: M ALEXANDER BS Prof Home Mqt

1Mrs HELEN S ALLEN MS Prof Text and Cloth IGEO GIA M AMICK MS Prof Food and Nutr

12HELEN L ANDERSON PhD Asst Prof Food and Nutr 1JANET L ANDREWS MS Instr Food and Nutr

1G E BIVENS PhD Prof Fam Econ

34Mrs MILDRED S BRADSHER MS Assoc Prof Food and Nutr Mktg

1Mrs VELLA M BURNS MS Instr Food and Nutr

13Mrs MARILYN W CASELMAN MS Assoc Prof Home Mat and Fam Foon

1P Y CHIN BArch Instr Int Design

1Mrs VERA F COATS MS Instr Text and Cloth

13Mrs: RUTH C COOK PhD Prof Child Devlpmt and Fam L.ife

NISABELLE N DELANEY MS Prof Food and Nutr 1AURORA D DIEGO MS Instr Food and Nutr 1SYLVAN ELDRINGHOFF MA Instr Int Design IJOSEPH FALSETTI MA Assoc Prof Int Design

1Mrs BETTY L FEATHER MS Instr Text and Cloth

1Mrs VIRGINIA L FISHER PhD Assoc Prof Child Devlomt and Fam Life

3JOSEPHINE F FLORY MA Prof Food and Nutr

1Mrs MARGARET FLYNN PhD Asst Prof Food and Nutr 23Mrs ORRINE Z GREGORY MS Assoc Prof Commun

1Mrs JEAN B GRIFFIN MS Asst Prof Text and Cloth

1R H HELMICK Jr MFA Asst Prof Int Design

IG L HENNIGH MFA Asst Prof Int Design 1Mrs ELIZABETH S HENSLEY MS Prof Food and Nutr

12Mrs DONNA P HERD MS Instr Food and Nutr

1Mrs JOSEPHINE M HOLIK MS Asst Prof Text and Cloth 3Mrs LOU V ISBELL MS Asst Prof Child Devlpmt and Fam Life

3MARY L JOHNSON MA Assoc Prof Home Mat and Fam F.con

14C M KAUFMANN MA Assoc Prof Int Design 1Mrs MARILYN KAYTON MS Instr Tex and Cloth

3M PATRICIA KLOBE MS Assoc Prof Home Mat and Fam Econ

14BUTH NILUTZ PhD Prof Food and Nutr 3ARTHUR McARTHUR MA Assoc Prof Human Devlomt

Fam Life

1Mrs FRANCES A McKELVY MS Assoc Prof Food and Nutr

123E J METZEN EdD Assoc Prof Home Mat and Fam Econ 1Mrs SUE E MILLER MS Instr Child Devlomt

1AIMEE N MOORE PhD Prof Food and Nutr 1DELIA A NAVARRETE MS Instr Food and Nutr

3VIRGINIA NORRIS PhD Assoc Prof Home Econ 3VELDAF RANKIN MS Asst Prof Text and Cloth

1R R RICE PhD Assoc Prof Housing and Int Design 13KATE E ROGERS EdD Prof Housing and Int Design

123Mrs MARY L ROSENCRANZ PhD Prof Text and Cloth

IDORIS G SAXON MS Prof Text and Cloth
IPATRICIA SCHIN MA Instr Int Design
14BETTY J STAGGS MA Asst Prof Text and Cloth

1Mrs H SONIA SUNOO MA Asst Prof Child Devlomt and Fam Life

1Mrs KATHLEEN THORNBURG MS Instr Child Devlomt 1Mrs MADELEINE TSAMASFYROS MS Instr F∞d and Nutr

3EMALYN F TURNER MS Prof Tex and Cloth

1Mrs BYRDINE H TUTHILL MS Prot Food and Nutr 123J T TYPPO PhD Prof Food and Nutr

1CHRISTINE P WEAVER PhD Assoc Prof Food and Nutr 1CAROLINE E WINGC MA Assoc Prof Text and Cloth
3LOUISE WOODRUFF MA Prof Home Mat and Fam Econ Int Design

1ANNA C YOST MS Assoc Prof Home Mat and Fam Econ

6060-6100 MISSOURI

Horticulture. 6060 Rural Sociology-Continued 123R A SCHROEDER PhD Prof and Chmn of Dept 12H F LIONBERGER PhD Prof Diffusion Res 12J H DUNN PhD Asst Prof Turfgrass 3A E GAUS PhD Prof 12C E LIVELY PhD Prof Emeritus IJ R PINKERTON PhD Asst Prof Pop 3D E HARTLEY PhD Asst Prof Flor 12D D HEMPHILL PhD Prof Physiol 12A D HIBBARD PhD Prof Pomol Veterinary Medicine, School of 6100 2E A IBARBIA PhD Post Doctoral Fellow 1B W KINGREY DVM MS Dean 1A H GROTH DVM Prof and Dean Emeritus 12V N LAMBETH PhD Prof Oler 1G C SHELTON DVM PhD Assoc Dean Prof and Chmn 13C W LOBENSTEIN PhD Assoc Prof Turforgss of Vet Microbiol 3W R MARTIN Jr BS Prof Emeritus Pomol 12A E MURNEEK PhD Prof Emeritus Physiol 1L C MURPHY DVM Prof and Dir Res Devlpmt 12H E DALE DVM Prof and Chmn Vet Physiol and 12M N ROGERS PhD Prof Flor Pharmacol 3R R ROTHENBERGER PhD Assoc Prof Flor 1R C McCLURE DVM PhD Prof and Chmn Vet Anat 3C M SACAMANO MS Instr Hort Landsc 12J E SMITH Jr MS Prof Flor 12L G MOREHOUSE DVM Prof and Chmn Vet Path 1M P RINES DVM Prof and Chmn Vet Med and Sura 1L C SNYDER Jr MLA Asst Prof Landsc Design 1R A ARNOLD DVM Instr Vet Anat 1H G SWARTWOUT MA Prof Emeritus Pomol 1H H BERRIER DVM Assoc Prof Vet Med and Surg 1R E TAVEN MS Assoc Prof Hort Landsc 1C J BIERSCHWAL DVM Prof Vet Med and Surg 1W S BIVIN DVM Instr Vet Anat International Programs (India) 6065 1D C BLENDEN DVM Ass ∞ Prof Vet Microbiol 1W T WILKENING PhD Asst Prof Ext Educ and Campus 1J E BREAZILE DVM PhD Assoc Prof Vet Anat Coord 1E A CORLEY DVM PhD Assoc Prof Vet Physiol and 1M C DOBBS PhD A ar Ext Training Adv Pharmacol 1J N FALLOON BS Prof Soils and Soil Fert and Water 1W O COWART DVM Instr Vet Path Mat Adv 1V S COX DVM Res Assoc Vet Angt 1T E HOFFMAN MA Instr Ext Educ and Agr Inform Adv 13T M CURTIN DVM PhD Prof and Dir Cont Educ 1A L JENKINS MS Prof Emeritus and Ent Adv 1L E DAVIS DVM PhD Assoc Prof Vet Physiol and 1J W McKINSEY MA Instr Aar Econ and Chief of Party and Pharmacol Adv in Univ Organ and Admin 1H D DELLMANN DVM Prof Vet Anat 1C R MEEKER BS Prof Acr Econ and Ext Inform Adv 1A W DOBSON DVM Asst Prof Vet Med and Surg 1F D MILLER MS Seed Prod Adv 1A R DOMMERT DVM PhD Assoc Prof Vet Microbiol 1W J MURPHY MS Prof Aaron and Aaron Adv Seed Impr 1D D DRAPER DVM Instr Vet Anat 1G L PAUL MS Ent Adv Plant Protection 1D W DUFFIELD DVM Res Assoc Vet Anat 1J P RODGERS MS Assoc Prof Ext Educ and Farm Mat 1T M EAGLE DVM Assoc Prof Vet Med and Surg Ext Adv 1E F EBERT DVM Prof Vet Med and Surg 1D T SECHLER PhD  $\,$  Assoc Prof Agron and Res Adv 1E E ELEFSON DVM Instr Vet Physiol and Pharmacol 1W J UPCHURCH PhD Assoc Prof Aaron and Soil Sci Adv 1J E ENGLISH DVM Assoc Prof Vet Med and Sura 1W E YATES MS Agr Implements Adv 1R E FLATT DVM PhD Assoc Prof Vet Path Plant Pathology 1P D GARRETT DVM Asst Prof Vet Anat 6070 123R N GOODMAN PhD Prof Phytobact and Chmn of Dept 1L F HODOVAL DVM Instr Vet Physiol and Pharmacol 1R E HOFFER DVM Ass∞ Prof Vet Med and Sura 1H E JENSEN DVM Res Assoc Vet Med and Sura 2CTIBOR BLATTNY PhD Post Doctoral Fellow Virol 2G A BOZARTH PhD Post Doctoral Fellow Soil Microbiol 1D W JOHNSON DVM PhD Prof Vet Med and Surg 1W T KERBER DVM Asst Prof Vet Med and Surg 1L D KINTNER DVM Prof Vet Path 12M F BROWN Jr PhD Asst Prof For Path 5W M BUGBEE PhD Res Assoc Cotton Path 120 H CALVERT PhD Asst Prof Mycol 1K L KRANER DVM Prof Vet Med and Surg 2J E CROSSE PhD Post Doctoral Fellow Phytobact 1S D LARKS PhD Prof Vet Physiol and Pharmacol 2LASZLO LOVREKOVICH PhD Asst Prof Phytobact 12R W LOAN DVM PhD Assoc Prof Vet Microbiol 12D F MILLIKAN Jr PhD Prof Virol 1A E MARSHALL DVM Res Assoc Vet Anat 3E W PALM PhD Asst Prof Plant Path 1C E MARTIN DVM Asst Prof Vet Med and Surg 2J A ROSS PhD Res Chem 1E C MATHER DVM Instr Vet Med and Surg 5R H SCHERFF PhD Res Assoc Phytobact Soybeans 1N H McARTHUR DVM Instr Vet Anat 2D P SCHULTZ PhD Post Doctoral Fellow Plant 1E L McCUNE DVM Asst Prof Vet Microbiol Physiol 1H C McDOUGLE DVM Prof Vet Microbiol 120 P SEHGAL PhD Asst Prof Virol 1J T McGINITY DVM Assoc Prof Vet Med and Surg 12B G TWEEDY PhD Assoc Prof Fungus Physiol 1R W MENGES DVM Asst Prof Vet Microbiol 12T D WYLLIE PhD Assoc Prof Soil Microbiol IC C MIDDLETON DVM Assoc Prof and Dir Farm 1B L MOSELEY DVM Instr Vet Path IS L NELSON DVM PhD Assoc Prof Vet Path Poultry Husbandry ፈበጸበ 123J E SAVAGE PhD Prof Nutr and Chmn of Dept 1K H NIEMEYER DVM Assoc Prof Vet Med and Surg 12H V BIELLIER PhD Assoc Prof Physiol 1F W OEHME DVM Instr Vet Physiol and Pharmacol 2E M FUNK PhD Prof Poultry Mkta IL DOLSON DVM PhD Assoc Prof Vet Path 3G S GEIGER MS Assoc Prof Poultry 1S B PLURAD PhD Res Assoc Vet Microbiol 2G A HASSAN PhD Post Doctoral Fellow Poultry Brda 12O B KINDER MA Prof Poultry Mat 1C W PURDY DVM Instr Vet Microbiol 12L J RESCHLY DVM Instr Vet Physiol and Pharmacol 3WALTER RUSSELL MS Prof Poultry 1J D RHOADES DVM Asst Prof Vet Med and Sura 12A B STEPHENSON PhD Prof Brdg 12D E RODABAUGH DVM Prof Vet Path 1N D ROHDE DVM Res Assoc Vet Microbiol Rural Sociology 12B D ROSENQUIST DVM PhD Res Assoc Vet Microbiol 6090 123R L McNAMARA PhD Prof Pop and Med Social and 1R RYNO DVM Res Assoc Vet Microbiol 1L A SELBY DVM DPH Asst Prof Vet Microbiol Chmn of Dept 12R R CAMPBELL PhD Assoc Prof Pop 1D A SCHMIDT DVM PhD Prof Vet Path 2J D FRANCIS MA Instr 1C E SHORT DVM Res Assoc Vet Med and Surg 1C R SHORT DVM Instr Vet Physiol and Pharmacol 12C L GREGORY MS Prof Statis and Method 13J A HARTMAN MS Instr Res Methods 1H W TAYLOR DVM Res Assoc Vet Path 1J W TICER DVM PhD Assoc Prof Vet Med and Sura 1M E TUMBLESON PhD Asst Prof Vet Physiol and 12E W HASSINGER PhD Prof Med Sociol 12D J HOBBS PhD Assoc Prof Social Change13J S HOLIK PhD Assoc Prof Rural Church Pharmacol.

W122001	(I-MONTAINA
Veterinary Medicine, School of-Continued  1D E WEINMAN DVM PhD Assoc Prof Vet Physiol and Pharmacol  1R B WESCOTT DVM PhD Assoc Prof Vet Microbiol	12L P CARTER PhD Asst Dean of Aar and Asst Dir of Sta (Tel 406-587-3121 Ext 214) 21 M EVANS Admin Off Sta 12THOMAS NOPPER BS Bus Mar and Treas
TW A WOLFF DVM Asst Prof Vet Med and Sura TG M ZINN DVM Res Assoc Vet Physiol and Pharmacol	123E B PETERSON MS Asst Bus Mar 121ESLEY HEATHCOTE MA Prof and Dir of Libr
Miscellaneous 6110	12ALICE McCLAIN MA Assoc Prof and Assoc Dir of Libr
2W L BAKER MS Supvr of Fert Insp	(000
2J L CLARK PhD Radiat Lab Radiat Lab 12G F KRAUSE PhD Assoc Prof and Aar Exot Sta Statis 2R K LEAVITT MS Supvr of Swine Eval Center 2C W LIBBEE BS Supvr of Exot Sta Impr 1R C McCLURE MEd Counsellina Coord Col of Aar 12W R SANDERSON BS Supvr Aar Res Oper 2ANDREW TAU Photoa 2ROBERT WEHRMAN BS Fert Field Auditor  Outstate Centers and Farms 6120 2N A BROWN MS Instrand Supt Southwest Center (PO Mt Vernon) 2N E JUSTUS PhD Assoc Prof and Supt North Missouri Center (PO Soickard) 2L H LANGFORD MA Assoc Prof and Supt Weldon Sorinas Center (PO St Charles) 2J A SAGEBIEL PhD Asst Prof and Supt	Animal and Range Sciences  12R L BLACKWELL PhD Prof and Head of Dent 12A F BEECKLER BS Asst Prof Anim Prod Poultrv 12J C BOYD PhD Prof Dairy Bact 12P J BURFENING MS Asst Prof Anim Physiol 12G T DAVIS PhD Prof Anim Genet Poultrv 12JAME'S DRUMMOND MS Prof Wool Technol and Ext Sheep Soec 12 R DYNES MS Assoc Prof Meats 12A M EL NEGOUMY PhD Assoc Prof Ar Prod Util Biochem 12G K EULFRT MS Instr Range Sci 12A E FLOWER MS Assoc Prof Anim Genet Swine 2R L HODDER MS Assoc Prof Anim Genet Swine 2R L HODDER MS Assoc Prof and Ext Livestock Spec 3N W JEFFERIES PhD Asst Prof Ext Range Mat Spec 12E A KEYES PhD Prof Anim Prod Dairy 12R W MILLER MS Assoc Prof Anim Prod Beef Cattle and Horses
Lincoln University Tefferson City 65101 1College Staff	12E L MOODY MS Asst Prof Anim Physiol and Endocrinol 12C W NEWMAN PhD Asst Prof Swine Nutr 124G F PAYNE PhD Prof Range Mat Ecol
1F. E DAWSON PhD Pres	3E J PEACE MS Assoc Prof and Ext Dairy and Swine Spec
10 J CHAPHAN PhD Dean 1 J N FREEMAN PhD Prof and Head of Dept of Aar (314-636-8121 Ext 258)	12D E RYERSON PhD Assoc Prof Range Mat 12J E TAYLOR MS Asst Prof Range Mat 12O O THOMAS PhD Prof Anim Nutr 12J L VAN HORN MS Prof Anim Prod Sheep 12F S WILLSON: MS Prof Anim Prod Seef Cattle
Agriculture 6140	
1G W ENLOW Asst Prof Hort 1DARREL RONEY DVM Asst Prof Anim Husb and Dairying 1S M TALLEY PhD Assoc Prof Poultry Husb	Botany and Microbiology 6210 2W G WALTER PhD Prof and Head of Dept 23R C CARLSTROM PhD Asst Prof Plant Path 2T W CARROLL PhD Asst Prof Electron Micros Plant
Chemistry 6160 1W E BYRD PhD Prof Chem	Path 2D E MATHRE PhD Asst Prof Soil 2E L SHARP PhD Prof Plant Path Rust 2J F SHEPARD PhD Asst Prof Virol
Home Economics 6170	20 A STROGEL Pr.P. Assoc Prof Plant Path Dis Physio.
1LORINE F KNIGHT PhD Assoc Prof Home Econ 1Mrs BEATRICE M SMITH MS Asst Prof Home Econ 1Mrs VELMA THOMAS MS Asst Prof Home Econ	Chemistry  2C N CAUGHLAN PhD Prof and Head of Dept 2E E FRAHM PhD Prof Anal Chem
Miscellaneous 6180 1A P MARSHALL MA Libr	2R D GEER PhD Res Assoc Reaction Chem 6B E GINTHER MS Assoc Chem And Chem 2K J GOERING PhD Prof Biochem Util 2L L JACKSON PhD Asst Prof Biochem 2G R JULIAN PhD Assoc Prof Biochem
MONTANA	2R A OLSEN PhD Prof Plant Biochem 2J E ROBBINS PhD Asst Prof Enzyme
College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of Montana State University. Bozeman 59715	2S J ROGERS PhD Asst Prof Enzyme 6L TORMA BS Asst Chem And Chem  Franchics (Agr) 6230
1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop Other State Agencies	Economics (Agr)  12R J McCONNEN PhD Prof and Head of Dept  3J C BOWER MS Prof Econ  3R E BUCHER MS Assoc Prof Ext Econ Mkta  12O R BURT PhD Prof Hes Econ and Prof Econ  3J H COTTERN PhD Asst Prof Ext Econ
6190	12G L CRAMER PhD Asst Prof Mktg
12L H JOHNSON PhD Pres  11 E DAYTON PhD Vice Pres for Academic Affairs 12W H JOHNSTONE MS Vice Pres for Admin 1ROY E JUJFFMAN PhD Vice Pres for Res 123. A ASLESON PhD Dean of Aar and Dir of Sta (Tel 406-587-3121 Ext 214) 3T S AASTEEM MS Dir of Ext Serv (Tel 406-587-3121	1R G CUMMINGS MA Asst Prof Econ Theory and Quant Econ 12CHENNAT GOPALAKRISHNAN PhD Asst Prof Water 5W G HEID Jr PhD Arr Econ Farm Mat and Prod Econ 124H C HOLJE PhD Prof Water and Resource Devlpmt 12C W JENSEN PhD Prof Prod Econ 12D M JONES MS Asst Prof Resource Econ and Resource
	1217 N. JONALO N.D. Made I for medicated beam and resource

Ext 271)

2M J BURRIS PhD Assoc Dir Sta (Tel 406-587-3121

Ext 214)

5DONALD LARSON MS Agr Econ Crop Insurance

Devlpmt

6230-6330 MONTANA

Economics (Agr)-Continued

12J G LITSCHAUER MS Asst Prof Mktq	12A E CARLETON PhD Asst Prof Forage Brdg
34LeROY D LUFT MS Asst Prof Ext Econ Farm Mat	12S R CHAPMAN PhD Asst Prof Cytogenet
12D H MYRICK PhD Assoc Prof Farm Mat and Mkta 3M E QUENEMOEN MS Assoc Prof Ext Econ Farm and	5C S COOPER PhD Assoc Crop Physiol
Ranch Mat	12D J DAVIS MS Assoc Prof Agron and Supt of Grain
23C H RUST PhD Assoc Prof Ext Econ Mktg	Insp Lab 5D D DICKEY BS Agr Aid Soils
6G E St GEORGE DS Res Assoc Transp	3G H ELLIS MS Instr Asst Co Ext Agt
12M C TAYLOR MS Assoc Prof Prices and Policies	12R F ESLICK MS Prof Plant Brdg
12L S THOMPSON PhD Prof Land Econ and Taxation	12G E EVANS MS Asst Prof Hort Prod
1J W VAN WINKLE MS Assoc Prof Econ	12A H FERGUSON PhD Prof Soil Phys
124E H WARD PhD Prof Dairy Mkta	12L I HART MS Instr Grain Crops
5RO WHEELER MS Agr Econ Range Mat Spec	25C R HAUN MS Asst Prof Wheat Brdg
	5E A HOCKETT PhD Res Agron Boxley Brdg
Editorial – See Office of Information (Publ)	5J M HODGSON MS Res Agron Weeds
	3M J JACKSON MS Assoc Prof Ext Agron
Education (Agr) 6240	12M G KLAGES PhD Prof Soil Chem.
1M L AMBERSON MS Assoc Prof and Head of Dept	30 W McCARVER MS Asst Prof Ext Hort
1H E RODEBERG MS Prof Aar Educ	12C F McGUIRL Pl.D Asst Prof Cereal Quality Lab
13BURL WINCHESTER MS Prof Ext Educ	<b>5F</b> H McNEAL PhD Agron Wheat Brdg
	12H N METCALF MS Prof Hort
E : : : // )	12M K MUIR PhD Asst Prof Soil Mineral
Engineering (Agr) 6250	12G A NIELSEN PhD Asst Prof Soils
2C C BOWMAN MS Assoc Prof and Head of Dept Irrig	12A H POST PhD Prof Agron and Soils
5PHIL FARNES BS Hydraulic Engin 2T L HANSON PhD Asst Prof Hydraulic Engin	12A L RICHARDSON MS Assoc Prof Hort
2C M MILNE PhD Assoc Prof Structures and Environ	6E K SALLY Jr BS Res Assoc Plant Path 12J R SCHAEFFER DAGE Prof Cytogenet
Control	3A F SHAW MS Assoc Prof Ext Agron
Control	12J R SIMS PhD Asst Prof Soil Fert
Extension Administration 6260	124E O SKOGLEY PhD Assoc Prof Soil Fert
3T S AASHEIM MS Prof Dir	3C M SMITH PhD Prof Ext Soil Spec
3E R AHRENDES MS Assoc Prof Coord of Community	3LES SONDER MS Asst Prof and Ext Weed Spec
Devlpmt and Serv	124L E WIESNEH MS Asst Prof Agron and Seed Anal
3J C BOWER MS Prof Pers and Training Ldr	
3R F CAMPBELL MS Assoc Prof Prog Consult	Sociology 6300
3J O DeBREE MS Asst Prof Community Prog Consult	2A'DELBERT SAMSON PhD Prof and Head of Dept
3A O JACOBS MS Assoc Prof Dist Supvr	3DK HOFFMAN MS Asst Prof Ext Human Devlomt
3Mrs VIVIENNE B KINTZ BS Asst Prof Coord Human	Spec
Resources	24C F KRAENZEL PhD Prof Sociol
3ROY LINN ME Asst Prof Civ Def Adult Educ Spec	2W L LARSON PhD Asst Prof Social
3D J LUEBBE MS Assoc Prof Coord Aar Devlpmt	2W R LASSEY PhD Asst Prof Rural Sociol and Sociol
3HELEN McCARTHY Finance Off	
3ALLEN P NELSON MS Assoc Prof Dist Supvr	Statistical Services 6305
3R F RASMUSSON MS Assoc Prof Dist Supvr	2EP SMITH PhD Prof and Sta Statis
23C R RUST PhD Assoc Prof Ext Econ 3C C RYL ANDER ME Asst Prof Civ Def Adult Educ Spec	Veterine D. I.I.I.
3J F SARGENT MS Assoc Prof 4-H and Other Youth	Veterinary Research Laboratory 6310
Spec	12W W HAWKINS Jr DVM BS Prof and Head of Dept 2C K ANDERSON PhD Assoc Prof Anim Path
3HAROLD STROBEL BS Asst Prof Civ Def Adult Educ	2R L BERG MS Res Assoc Microbiol
Spec	6MARYON M BORDER MS Res Assoc Microbiol
3C W VAUGHN MS Assoc Prof State 4-H Spec	12J E CATLIN DVM Assoc Prof Clin Med
3BURL WINCHESTER MS Prof Anim Genet	2B D FIREHAMMER MS Prof Bact
TOTAL CONTROL OF THE	2D H FRITTS MS Assoc Prof Med Illus
Home Economics 6270	12M W HULL PhD Assoc Prof Anim Physiol
2Mrs MAJORIE B KEISFR PhD Prof and Dir	2R H JOCOBSON is A hes Assoc Parasitol
3Mrs DOROTHY E GALLUP BS Asst Prof Area Home	2E A LOZANO PhD Assoc Prof Bact
Econ	2L L MYFRS PhD Asst Prof Brochem
3Mrs HAZEL U HINMAN BS Asst Prof Area Home E∞n	1J R NEWBY RBP Instr Biophotog
3Mrs JANE G LEASE PhD Prof Home Econ	2F S NEWMAN PhD Assoc Prof Vet Virol
3CAROL H TARNAVSKY MS Instr Area Home Econ	2Mrs MARY G REILLY MT Asst Prof Path
	12D E WORLEY PhD Assoc Prof Parasitol
AM. 41.4	
Office of Information (Public) 6280	Zoology and Entomology 6320
2C L ISAACSON PhD Prof and Dir Inform 2E R BABCOCK BS Photog	2J H PEPPER PhD Prof and Head of Dept and State
3W R BEASLEY BA Instr Inform Spec	Ent 2N L ANDERSON PhD Prof Pop Biol
23P F JESSWEIN BS Asst Prof and Univ Photog	2C J D BROWN PhD Prof Fisheries Mat
2J D MacKELLAR MA Assoc Ed	2R L ENG PhD Assoc Prof Omithol
3S D ROSEN BA Asst Prof Ext Ed	6L N GRAHAM BS Asst State Apiarist
23F J SANFORD AS Asst Ed Art	2E B HASTINGS MS Prof Ins Physiol
2D H WARREN MS Assoc Ed	2D C QUIMBY PhD Prof Wildlife Mgt
	2G R ROEMHILD PhD Assoc Prof Ins Physiol
Plant and Soil Science 6290	2D K SCHARFF PhD Assoc Prof Toxicol
12E R HEHN PhD Prof and Head of Dept	34E H SMITH MS Assoc Prof Ext Fish and Wildlife Spec
12L O BAKER BS Asst Prof Weeds	
5M A BERCIAS Res Agron Wheat Erda	Grasshopper Research Laboratory 6330
5G O DOATWRIGHT MS Res Soil Sci Soil Fert	5C C BLICKENSTAFF PhD Invest Ldr
2J H BROWN PhD Asst Prof Crop Physiol	5V FRANK BPH Admin Asst
5P L BROWN PhD Soil Sci	
124J M CAPRIO MS Prof Agr Climatol	

Plant and Soil Science-Continued

6392

6394

6396

Grasshopper Research Laboratory—Continued		D. W. D. LANGERD A. L. D. C. L.	6392
5JE HENRY MS Ent		1R T PANTZER LLB Pres of Univ (406-243-2311)	
5G B HEWITT MS Ent		IN E TAYLOR PhD Admin Vice Pres (406-243-231	
5J B KREASKEY PhD Ent		1F. C. LORY PhD Academic Vice Pres (406-243-23) 1C L MURPHY BA Bus Mar Controller (406-243-22)	
5N E REES MS Ent 5F B SKOOG BS Ent		1J M STEWART PhD Actg Dean of Grad Sch Dir of	
or b skoog by Liit		for 11M Fdn (406-243-2672)	1100
Livestock Sanitary Board-Diagnostic Laboratory	6340		
5BECKWITH HUBBEL Jr DVM Vet in Cha		Botany	6394
5CHAS DALEY DVM Vet		1M J BEHAN PhD Asst Prof	
5E J SHEEHAN BA Serol			
Montana Grain Inspection Laboratory	6350	Forestry, School of	6396
12E R HEHN PhD Dir	0330	12A W BOLLE DPA Prof Dean of Sch of For Dir of I	∟xpt
12D J DAVIS MS Assoc Prof and Supt		Sta (406-243-2211)  12R F WAMBACH PhD Assoc Prof For Econ Assoc	Dir
12L I HART MS Asst in Agron		of Expt Sta (406-243-2211)	D11
124L E WIESNER MS Asst Prof Seed Anal		12J A BAILEY PhD Asst Prof Wildlife Mat	
		12R W BEHAN MSF Asst Prof For Admin	
Montana Wool Laboratory	6360	12G W BLAKE PhD Assoc Prof Silvic	
12R L BLACKWELL PhD Dir 123JAS DRUMMOND MS Supvr Prof Wool Technol I	2'vt	12J J CRAIGHEAD PhD Prof Ldr Mont Coop Wildlife	е
Sheep Spec		Res Unit	
12K L COLMAN MS Asst Prof Wool Technol		12L E EDDLEMAN PhD Asst Prof Range Mgt	
		12J L FAUROT MC Assoc Prof For Engin 12S S FRISSELL Jr MS Asst Prof Recreation Mat	
USDA Forestry Sciences Laboratory	6370	12F L GERLACH MF Asst Prof For Engin	
5R B GARDNER MS Gen Engin in Cha		12W K GIBSON MF Asst Prof For Econ	
5J B BASILE MS Range Conserv		3J T HARRIS PhD Asst Prof Wildlife Mat	
5JE LOTAN MF Res For 5WF MUEGGLER PhD Ramae Conserv		12R L KONIZESKI PhD Prof Hvdrol	
3W 1 MOLGGELIT FILD Traine Conserv		12J P KRIER PhD Prof Wood Util	
		12R W LANGE MF Asst Prof For Mensuration	
Wheat Stem Sawfly Investigations	6380	12J H LOWE PhD Assoc Prof Ent 12C M LOVELESS PhD Prof Wildlife Mgt	
5L E WALLACE MS Ent		12M S MORRIS MS Prof Range Mat	
		12T J NIMLOS PhD Assoc Prof Soils	
Branch Stations	6390	12W L PENGELLY PhD Prof Wildlife Mat	
Central Mont St Sta (PO Moccasin)	0370	12W R PIERCE PhD Prof For Mat	
2A L DUBBS MS Supt and Assoc Prof		12F SHAFIZADEH PhD Prof Wood Chem	
2R T CHORIKI MS Asst Prof Soils		12R W STEELE MF Assoc Prof For Protection	
2L W STEMPKE BS Asst in Agron			
Eastern Mont Br Sta (PO Sidney)		NEBRASKA	
2G P HARTMAN MS Supt and Assoc Soil Sci		NEORASKA	
2C W CROWELL BS Asst in Agron Northern Plains Soil and Water Res Center (PO Sidne)		The College of Agriculture and Home Economics,	the
5F H SIDDOWAY PhD Dir Res Soil Sci	¥ 1	Agricultural Experiment Station, and the Cooperative E	
5J K AASE PhD Soil Sci		sion Service of the University of Nebraska, Lincoln 685	503
5A L BLACK MS Soil Sci		and the second could be second as the second could be	
5R M DIXON PhD Res Soil Sci Soil Moisture		1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA	
5J R WIGHT PhD Res Range Sci		4Ledve of Absence 3Coop dodA	
Huntley Br Sta (PO Huntley)			6400
2J L KRALL MS Supt and Agron		1C M HARDIN PhD DSc Chanc of Univ (402-472-21	11)
2D E BALDRIDGE MS Assoc Agron Crops 2D M ERB MS Asst in Plant and Soil Sci		123E F FROLIK PhD Dean of Col of Aar and Home	9
North Mont Br Sta (PO Havre)		Econ (402-472-2871)	
2W C WINDECKER BS Supt and Assoc Anim Sci		3.J L ADAMS PhD Dir of Agr Ext Serv (402-472-296	
2H A R HOULTON MS Asst Soil Sci		1F E ELDRIDGE PhD Dir of Res Instr (402-472-22	(11)
2W H MILLER MS Asst in Agron		123R W KLEIS PhD Assoc Dir of Sta (402-472-2045) 211 W O'TTOSON PhD Dir of Sta (402-472-2045)	
Northwestern Mont Br Sta (PO Rte Kalispell)		123Mrs VIRGINIA TROTTER PhD Dir of Home Econ	
2C W ROATH MS Supt and Assoc Agron		Assoc Dir of Sta (402-472-2913)	
2V R STEWART MS Assoc Agron Crops U S Range Livestock Expt Sta (PO Miles City)		12MERK HOBSON PhD Vice Chanc for Res Instr (4)	02-
50 F PAHNISH PhD Supt		2049)	
5R A BELLOWS PhD Anim Physiol			
5W R HOUSTON PhD Range Conserv		212.01101117	6410
2T M RILEY BS Asst in Anim Sci		123D G HANWAY PhD Prof and Chmn of Dept	
5R E SHORT PhD Res Physiol		2W R AKESON PhD Asst Prof Sweetclover 12O C BURNSIDE PhD Prof Weed Sci	
5J J URICK MS Anim Husb		12D F BURZLAFF PhD Prof Range Mat	
Western Mont Br Sta (PO Corvallis)			
2D R MERKLEY MA Supt and Assoc Ent		12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorghum Physiol	
		12LEON CHESNIN PhD Assoc Prof Soil Chem	
2D R MERKLEY MA Supt and Assoc Ent		12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorahum Physiol 12W L COLVILLE PhD Prof Crops 12W A COMPTON PhD Assoc Prof Corn Brda	
2D R MERKLEY MA Supt and Assoc Ent	of	12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorahum Physiol 12W L COLVILLE PhD Prof Crops 12W A COMPTON PhD Assoc Prof Corn Brda 12E C CONARD PhD Assoc Prof Pastures	
2D R MERKLEY MA Supt and Assoc Ent 2D R GRAHAM MS Asst Soil Sci The College of Arts and Sciences, The School of Forestry and The Forest and Conservation Experimen		12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorahum Physiol 12W L COLVILLE PhD Prof Crops 12W A COMPTON PhD Assoc Prof Corn Brda 12E C CONARD PhD Assoc Prof Pastures 2A F DREIER MS Assoc Prof Outstate Testing	
2D R MERKLEY MA Supt and Assoc Ent 2D R GRAHAM MS Asst Soil Sci The College of Arts and Sciences, The School of		12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sordhum Physiol 12W L COLVILLE PhD Prof Crops 12W A COMPTON PhD Assoc Prof Corn Brda 12E C CONARD PhD Assoc Prof Pastures 2A F DREIER MS Assoc Prof Outstate Testing 12J V DREW PhD Prof Soil Surv	
2D R MERKLEY MA Supt and Assoc Ent 2D R GRAHAM MS Asst Soil Sci The College of Arts and Sciences, The School of Forestry and The Forest and Conservation Experimen		12LEON CHESNIN PhD Assoc Prof Soil Chem 2M D CLEGG PhD Asst Prof Sorahum Physiol 12W L COLVILLE PhD Prof Crops 12W A COMPTON PhD Assoc Prof Corn Brda 12E C CONARD PhD Assoc Prof Pastures 2A F DREIER MS Assoc Prof Outstate Testing	

4Leave of Absence 5Coop USDA

12C O GARDNER PhD Prof Statis Genet

3H H GILMAN BS Assoc Prof Conserv 25H J GORZ PhD Prof Sweetclover 12F A HASKINS PhD Prof Biochem Genet 6400

6410-6510 NEBRASKA

Agronomy-Continued

2J L HUGHES MA Instr Castorbeans

#### 25J L HULTOUIST BS Instr Sorahum Physiol 25V A JOHNSON PhD Prof Winter Wheat 2D R LINEBACK PhD Asst Prof Enzymes 2R L OGDEN BS Asst Prof Alfalfa Proc 25W R KEHR PhD Prof Alfalfa 12R M SANDSTEDT MS Prof Emeritus Cereal Chem 34DELNO KNUDSEN MS Asst Prof Soil Testing 2P M SEEVERS 2R F KOENIG MS Instr Sorahum Brda 2B J KROEZE BS Instr Crop Impr 2F W WAGNER PhD Asst Prof Enzymes 2D W LANCASTER MS Assoc Prof Crop Impr 6480 Economics (Agr) 12T L LAVY PhD Asst Prof Weed Sci 123GLEN VOLLMAR PhD Prof and Chmn of Dept 2L D MADDUX MS Instr Soils 2J W MARANVILLE PhD Asst Prof Sorahum Physiol 12DALE ANDERSON PhD Asst Prof 12MAURICE BAKER PhD Assoc Prof 2P J MATTERN MA Assoc Prof Cereal Quality 23L L BITNEY BS Asst Prof Farm Mat 12A P MAZURAK PhD Prof Soil Phys 25H W DELVO MS Instr Farm Mat 125T M McCALLA PhD Prof Soil Microbiol 12A W EPP PhD Prof Farm Mat 25M K McCARTY PhD Assoc Prof Weed Sci 3BERT EVANS PhD Asst Prof Econ Devlpmt 12D P McGILL PhD Prof Crops 123J D GREER BS Asst Prof Farm Mat 25L N MIELKE MS Instr Soils 12J B HASSLER PhD Prof Mktg and Price Anal 2R N MILLS MS Asst Prof Fdn Seed 12G A HELMERS PhD Asst Prof 2NOREORU MOCHIZUKI PhD Visiting Instr Corn Brdg 23P A HENDERSON PhD Prof Farm Mat and Genet 25R D JOHNSON MS Instr Farm Mat 3W J MOLINE PhD Assoc Prof Ext Forages 12J G KENDRICK PhD Assoc Prof Mkta 12M ROSALIND MORRIS PhD Prof Cytogenet 25H A KITTAMS PhD Ext Assoc TVA 25L C NEWELL PhD Prof Grass Impr 25J C KRAMER MS Ext Assoc TVA 124R A OLSON MS Prof Soil Fert 25WILLIAM LAGRONE MS Assoc Prof Prod Econ 2C H PADGETT MS Instr Com Brdg 3PAUL MILLER MS Assoc Ext Agr Farm Records 3E J PENAS MS Area Ext Spec Soils 25JOHN MUEHLBEIER MS Prof Land Econ 12G A PETERSON PhD Asst Prof Soils 3E E PETERSON PhD Prof Econ 2K O RACHIT PhD Visiting Prof Sorghum 25W J SHARRATT PhD Ext Assoc TVA 23L R ROBISON PhD Assoc Prof Weed Sci 25W N SUTHERLAND PhD Ext Assoc TVA 12D H SANDER PhD Assoc Prof Soils 12M S TURNER PhD Assoc Prof Mktg and Prod Econ 12J W SCHMIDT PhD Prof Small Grains Editorial 6490 3E J SCHWARTZ MS Asst Prof Soil Testing 12R C SORENSEN PhD Asst Prof Soil Fert 123R J GRAHAM BA Prof and Chmn of Dept 23T B BARE MA Instr Asst Ed 2TOMOAKI TAIRA MS Instr 3DeLORIS CLOUSE MS Asst Prof Pub Art 23R A WIESE PhD Assoc Prof Ext Soils 3J D FURRER MS Assoc Prof Safety Spec Pest Chem 123J P FOLMAN 4S Assoc Prof Fixet Sta Ed 12 J. F. WILL IAM. Phr. Assoc Prof Chemuraic Crops 23Mrs JANET HUSS BS Instr 6420 **Animal Science** 23G I JOHNSON AB Asst Prof 123F H BAKER PhD Prof and Chinn of Dept 3D B LUTZ MS Assoc Prof 12C H ADAMS PhD Assoc Prof Meats 123J H McLAUGHLIN BA Asst Prof Radio TV 123M A ALEXANDER MS Prof Emeritus Sheep 3M B STEWART MA Asst Prof Vis Aids 12R D APPLEMAN PhD Assoc Prof Dairy Brdg and Mgt 12V H ARTHAUD MS Asst Prof Meats and Brdg 6500 Education (Aar) 12M L BAKER DS Prof Emeritus Beef Nutr 12J T HORNER EdD Prof and Chrin of Dept 12C T BLUNN PhD Prof Genet 123R D DILLON EdD Assoc Prof 13R J FLORELL EdD Asst Prof 12M G McCREIGHT MS Assoc Prof 23P H COLE MS Assoc Prof Dairy 25L V CUNDIFF PhD Assoc Prof Regional Beef Brdg Invest Ldr 12R L PETERSON MS Res Assoc 12P J CUNNINGHAM PhD Asst Prof Swine Brdg 12D G ZIKMUND MS Res Assoc 3D D DEARBORN MS Instr Beef Brdg 25G E DICKERSON PhD Prof Genet USMARC 123T H DOANE PhD Assoc Prof Sheen 6510 Engineering (Agr) 12E F ELLINGTON PhD Assoc Prof Physiol 123W E SPLINTER PhD Prof and Chmn of Dept 3P Q GUYER PhD Prof Beef Nutr 3D D AXTHELM MA Assoc Prof Water Resources 124P L KELLY PhD Prof Dairy Spec 2T J KLOPFENSTEIN PhD Asst Prof Ruminant Nutr 120 E CROSS PhD Assoc Prof Farmstead Engin 123R M KOCH PhD Prof Beef Brdg 12J A DeSHAZER PhD Assoc Prof Livestock Facility 25E V KREHBIEL PhD Asst Prof Genet 12D M EDWARDS PhD Assoc Prof Natural Resources 23L E LUCAS PhD Assoc Prof Swine Brdg 3P E FISCHBACH MS Prof Irrig 123R W MANDIGO PhD Asst Prof Meats 3D E LANE MS Asst Prof Power and Mach 3C W NIBLER MS Prof Dairy 12F G OWEN PhD Dairy Nutr 12L F LARSEN MS Prof Tractor Testing 25J C LORIMOR BS Instr Soil and Water Conserv 12E R PEO Jr PhD Prof Swine Nutr 3H R MULLINER BS Assoc Prof Irrig 12M M PLUM PhD Prof Dairy Brda 2M M MUMGAARD BS Asst Prof Tractor Testing 3T L SCHRICK BS Instr Swine 25S O NELSON MS Assoc Prof Prod Proc 3E A OLSON BS Prof Farm Bldgs 12A B SCHULTZE PhD Assoc Prof Physiol 12P E VIPPERMAN PhD Asst Prof Swine Nutr 12G M PFTEINS 1 MS Assoc Prof Farm Structures 3R D SCHNIEDER MS Assoc Prof Safety Spec 12J K WARD PhD Assoc Prof Beef Nutr 13R B WARREN MS Assoc Prof Anim Eval and Horses 2B R SOMERHALDER MS Assoc Prof Natural 3D C WILLIAMS Jr MS Assoc Prof Gen Livestock Resources 13W R WOODS PhD Prof Beef Nutr 13D R ZIMMERMAN PhD Assoc Prof Physiol 3J C STEELE BS Assoc Prof Soil and Water Conserv 12G W STEINBRUEGGE MS Prof Land Locomotion 25L E STETSON MS Instr Radio Frequency Energy 6440 **Biochemistry and Nutrition** 12J J SULEK MS Assoc Prof Power Units 12R L BORCHERS PhD Prof and Chmn of Dept 25N P SWANSON BS Asst Prof Soil and Water Conserv 12C W ACKERSON PhD Prof Emeritus Anim Nutr 12T L THOMPSON PhD Assoc Prof Mater Handling 124K L VON BARGEN MS Asst Prof Mater Handling 12 J M DALY PhD Prof Intermediary Metabolism 12RICHARD DAM PhD Asst Prof Nutr Bi∞hem 12S A WEEKS MS Instr Power and Mach

Biochemistry and Nutrition-Continued

12H W KNOCHE PhD Assoc Prof Biochem

12R M HILL PhD Assoc Prof Protein Biochem

## NEBRASKA

Engineering (Agr)—Continued	Home Economics, School of-Continued
12U E WENDORFF MS Assoc Prof Form Mech	HOME ECONOMICS EDUCATION
12H D WITTMUSS PhD Assoc Prof Natural Resources	12HAZEL ANTHONY EdD Prof and Chmn of Dept 12HAZEL CEMIN MEd Asst Prof
Entomology 6520	
123E S RAUN PhD Prof and Chmn of Dept	
3L W ANDERSEN MS Asst Prof	HUMAN DEVELOPMENT AND THE FAMILY
12H J BALL PhD Prof Ins Physiol and Toxicol 25J H BELL BS Res Assoc Grasshopper Control	123JOHN WOODWARD PhD Prof and Chmn of Dept
25J B CAMPBELL PhD Asst Prof Livestock Ent	3HELEN BECKER BS Assoc Prof 12RUBY GINGLES MS Assoc Prof
23 A F HAGEN MS Asst Prof Econ Ent	12VIOLET KALYAN —MASIH
12T J HELMS PhD Asst Prof Morphol and Histopath	12JACOUELINE VOSS EdD Instr
12R E HILL PhD Prof Ecol 25C M JONES MS Res Assoc Livestock Ent	MENTILES OF OTHERS AND DESIGN
3D L KEITH MS Instr Ent	TEXTILES CLOTHING AND DESIGN  123AUFREY NEWTON MS Prof and Chmn of Dept
25G R MANGLITZ PhD Assoc Prof Forage Ins Invest	12MARY COCHRAN MS Asst Prof
2J D MUNSON MS Instr Com Ins	3GERDA PETERSEN MS Prof
2P C PETERSON BS Instr Museum Curator 12K P PRUESS PhD Assoc Prof Econ Ent	3MAGDALENE PFISTER Assoc Prof
3R E ROSELLE MA Prof Ext Ent	12PATRICIA SAILOR PhD Assoc Prof
2J M SCHALK MS Instr Forage Crop Ins	Horticulture and Forestry 6550
12ROBERT STAPLES PhD Assoc Prof Ins and Plant	123J O YOUNG PhD Prof and Chmn of Dept
Dis Relat	12W T BAGLEY MS Assoc Prof For
Extension Administration 6530	3E H BENSON BS Asst Prof For 25C E BOLDT MS Instr
3E W JANIKE BS Prof and Deam of Ext	12D P COYNE PhD Prof Hort
3J L ADAMS PhD Assoc Dean and Dir Aar Ext	12A E DUDECK PhD Asst Prof Turf
3W M ANTES BS State Ldr 4-H Clubs and YMW 3AGNES L ARTHAUD MS Asst Dir Ldr Home Ext	2E J KINBACHER PhD Assoc Prof Physiol
3MARCELE BARELMAN MS Assoc State Ldr 4-H Clul	3K A LOERCH MS Assoc Prof For 12G G LONG MS Instr Hort
and YMW	3J I. MOHI. F.R BS Instr Hort
13R J FLORELL EdD State Ldr Ext Studies and Train-	3R T MONAHAN MS Instr For
ing 3DOROTHEAF HOLSTEIN MS Assoc State Ldr 4-H	12R E NEILD MS Asst Prof Hort 2D S NULAND MS Instr Hort
Clubs and YMW	12R B O'KEEFE PhD Assoc Prof Ornam
3ALMA M JOURN AB Dist Supvr Home Ext	3J E RANGE BS Asst Prof For
3DUANE E LOWENSTEIN PhD Assoc State Ldr 4-H	25R A READ MS Asst Prof For
and YMW 3ARI,EN LUTZ EdD State Ldr Prog and Rots	12N J ROSENBERG PhD Prof Physiol 23S S LALAC Ph Asst Frof
3C C NOYES BS Asst Dir Agr Ext	2C Y SULLIVAN PhD Assoc Prof
3J D ORR EdD Assoc State Ldr 4-H and YMW	25D F VAN HAVERBEKE MS Asst Prof For
3V H PETERSEN BS Dist Supvr 3MARY RUTH RAPP DPA Dist Supvr Home Ext	3W C WHITNEY BS Assoc Prof Hort
3L E BUDMAN BE Assoc State Ldr 4-E Clubs and	Library 6555
YMW	12W R COLLINGS BS BLS Senior Libr
3R C RUSSELL BS Dist Supvr	
3ETHEL H SAXTON MS Dist Supvr Home Ext 3K G SCHMIDT MS Assoc State Ldr 4-H Clubs and YMV	Plant Pathology 6560
3ELAINE M SKUCIUS MA Assoc State Ldr 4-H Clubs	123M G BOOSALIS PhD Prof and Chmn of Dept 2E M BALL PhD Assoc Prof Virus Dis
and YMW	25M K BRAKKE PhD Prof Virus Dis
3W E SPILKER BS State Ldr Finance and Pers 3C L STONECIPHER PhD Dist Supvr	2R W GOSS PhD Prof Emeritus Fungus Dis
3P S SUTTON MS State Ldr Resource Devlomt	3' DKERH PhD Asst Prof Plant Path
3DONALD SWOBOLA MS Ext Admin Asst	25W G LANGENBERG PhD Asst Prof Virus Dis 25G W PETERSON PhD Assoc Prof Tree Dis
3CAL J WARD MS Ext Subvr	2D R PRING PhD Post Doctoral Fellow Virus Dis
3HUGO ZIMMERMAN BS Assoc Ext Supvr	2M L SCHUSTER PhD Prof Nematode Dis
Food Science and Technology 6540	12J L. VAN ETTEN PhD Asst Prof Plant Physiol 2A K VIDAVER PLD Asst Prof Bact
123T E HARTUNG PhD Prof Chmn of Dept	3J M WEIHING PhD Prof Plant Path
123R G ARNOLD PhD Asst Prof Food Chem	3D S WYSONG PhD Asst Prof Plant Path
123T A EVANS MS Assoc Prof Dairy Mkta 12L K CROWE PhD Prof Emeritus Food Technol	
12R B MAXCY PhD Prof Microbiol	Paultry Science 6570
12K M SHAHANI PhD Prof Food Chem	123T W HARTUNG PhD Prof and Chmn of Dept 12D H FREE BS Instr Poultry Impr
12J R VAKIL PhD Asst Prof Food Chem	123G W FRONING PhD Assoc Prof Poultry Prod
Home Economics, School of 654	3E W GLEAVES PhD Assoc Prof Poultry Nutr
FAMILY ECONOMICS AND MANAGEMENT	12J R KINGAN MS Instrand Poultry Complex Supvr 12F B MATHER PhD Asst Prof
123ARNOLD BARAGAR MS Prof and Chmn of Dept 12DOROTHY LARERY PhD Prof	123 T W SULLIVAN PhD Prof Poultry Nutr
3CLARA LEOPOLD MS Assoc Prof Home Fum	123H L WIEGERS MS Assoc Prof Poultry and Wildlife Mat
12FLORENCE WALKER PhD Assoc Prof	for an an
	Statistics 6575 12C O GARDNER PhD Prof Agron and Sta Statis
FOOD AND NUTRITION	2R F MUMM PhD Asst Prof Statis Consult
123HAZEL FOX PhD Prof and Chmn of Dept 3ETHEL DIEDRICHSEN MS Asst Prof	
12CONSTANCE KIES PhD Assoc Prof	Veterinary Science 6580
12MARIE KNICKREHM PhD Prof Inst Admin	123M J TWIEHAUS MS DVM Prof and Chmn of Dept 2R E COUPE BS Instr SPF Swine
12PAULINE PAUL PhD Prof 12CELINE SIMON MS Asst Prof	12D L FERGUSON PhD Asst Prof Parasitol
120ELINE SIMON MIS ASSUPTOI	120 D GRACE MSDVM Prof Diagnostic Lat
	3E C HOWE DVM Asst Prof Anim Five

Veterinary Science—Continued

2J W KMOCH DS Asst Instr SPF Swine 2C L MARSH PhD Prof Biochem

12C A MEBUS DVM PhD Prof Path

12R M NAKAMURA DVM PhD Assoc Prof Cattle Dis

2K C OLSON BS Instr SPF Swine

12L C PAYNE PhD DVM Prof Physiol

2M B RHODES MS Instr Enzymol of Parasites

2N R UNDERDAHL MS Asst Prof Swine Dis

2A B WELCH MS Virol Asst Instr Dis

Regional Stations 459N

Northeast Sta (Concord)

23C J WARD MS Assoc Prof and Supt of Sta

23U U ALEXANDER MS Assoc Prof Agron

3MYRTLE ANDERSON BS Assoc Ext Home Econ

23R D FRITSCHEN MS Asst Prof Anim Sci

3R J GAVIT BS Asst Prof For

3ANNA MARIE KREIFELS MS Assoc Ext Home Econ

23D J KUBIK BS Assoc Ext Agr Dairy

23E J SCHWARTZ MS Asst Prof Agron

3MARGARET STAHLY MS Asst Ext Home Econ

2W L TOLMAN BS Asst Prof Anim Sci

23H J ZIMMERMAN MS Assoc Ext Agr

Scotts Bluff ..xpt Sta (Mitchell)

23LIONEL HARRIS MS Assoc Prof Supt of Sta

23C I WALTERS BS Assoc Prof and Asst Supt of Sta 2F N ANDERSON MS Asst Prof Agron

3C L ASHBURN BS Assoc Prof Farm Mat and Irria
23L S AXTHELM MS Instr Aar Enain

23L A DAIGGER MS Assoc Prof Area Spec Soils
23C R FENSTER BS Assoc Prof Crop Mat

2F A HAGEN MS Asst Prof Ent

3R H HATCH PhD Instr Anim Sci 3ERIC KERR PhD Asst Prof

3Mrs HELEN KREYMBORG BS Assoc Ext Home Econ

25W F PETERSON MS Res Assoc Agron

3H H SHULL MS Assoc Prof Agr Engin

North Platte Sta (North Platte)

23L F SHEFFIELD MS Supt of Sta

3NEAL BAXTER MS Assoc Prof Area Inform Spec 23D C CLANTON PhD Prof Anim Sci

2R R DAHLGREN MS DVM Assoc Prof Vet Diaa

2D M DANIELSON PhD Asst Prof Anim Sci

2P H GRABOUSKI BS Asst Prof Agron Outstate

Testing 2M G RUMERY BS Assoc Prof Asst Supt

5D E SMIKA MS Asst Prof

25 R SOMERHALDER Assoc Prof Aar Engin

2R D UHLINGER PhD Assoc Prof Hort For

23JOHN VALENTINE PhD Assoc Prof Range Mat

2G A WICKS MS Asst Prof Weed Control

University Field Lab (Mead)

2W W SAHS MS Supt of Lab

2F C HASTERT BS Facilities Maint Mar

US Meat Anim Res Center (Clay Center)

25K E GREGORY PhD Prof of Anim Sci and Dir of Center

25W W ROWDEN MS Asst Prof and Asst to Dir

25R L SAMPSON BS Instr Cattle Oper Mar

## NEVADA

The Max C. Fleischmann College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Nevada, Reno 89507

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6600

123N D HUMPHREY MS Chanc

123N F MILLER PhD Pres of Univ 1234D W BOHMONT PhD Deam of Col of Aar Dir of Aar Expt Sta Dir of Agr Ext (702-784-6611)

2R E ELY PhD Assoc Dir of Aar Expt Sta (702-784-6611)

1C !I SEUFFERLE PhD Assoc Deam (702-784-6611)

3J F STEIN PhD Assoc Dir of Agr Ext (702-784-6611) 1MARILYN J HORN PhD Assoc Dean of Home Econ (702-784-6977)

6610

4430

6640

6645

6660

Animal Science

123V R BOHMAN PhD Prof Nutr and Chmn of Div

23H P ADAMS PhD Assoc Nutr and Ext Dairy Spec

12C M BAILEY PhD Assoc Prof Anim Genet

3W C BEHRENS MS Ext Anim Sci

23E L DRAKE DVM Assoc Vet

12W D FOOTE PhD Assoc Prof Physiol 2J E HUNTER BS Asst Anim Sci

12A L LESPERANCE MS Assoc Prof Nutr

12D W MARBLE DVM Assoc Vet 12T P RINGKOB PhD Asst Prof Meats

2C F SPETH MS Junior Nutr

12R L TAYLOR DVM Assoc Vet

12H J WEETH PhD Prof Physiol

Biochemistry 6620

123D C FLETCHER PhD Prof Biochem and Chmn of Div

12W H ARNETT PhD Assoc Prof Ent 12C R BLINCOE PhD Assoc Prof Biochem 12J W CALLISTER MD Adjunct Prof Clin Poth

12C R HEISLER PhD Assoc Prof Biochem
3R W LAUDERDALE BS Ent Assoc

12R J MORRIS PhD Prof Biochem 12R S PARDINI PhD Asst Prof Biochem

23B R PAYNE AB Junior Agr Biochem

12ESTHER E SANDMEYER PhD Asst Prof Biochem

12FRANCES SELSNICK Adjunct Prof Biochem

23L L STITT MS Pest Spec

12J L VERDI MS Adjunct Lect Biochem

Communications Service (Agr)

23E A POWELL MA Spec in Chg 23L M KIRK BS Inform Spec

3D H MATHIS BA Inform Spec

23W K SONNEMANN Jr BA Inform Spec

Economics (Agr) and Education

4-H Club

123J W MALONE Jr PhD Assoc Prof Agr Econ and Chmn of Div

13E R BARMETTLER PhD Prof and Ext Econ

1T A BUTLER MA Assoc Prof Agr Mech 12W O CHAMPNEY PhD Asst Prof Agr Econ

1H H CHRISTENSEN PhD Asst Prof Agr Educ

3L C CHRISTENSEN MAgr Com Devlpmt Econ

12S G DETERING MS Lect and Resource Econ 12J R GARRETT PhD Asst Prof Agr Econ

123 Mrs MABEL L HARTLEY BA Asst Prof Agr Econ

1L P HERNDON DEd Assoc Prof Agr Educ

12Y O KOH PhD Assoc Prof and Statis 2H C LITTLE PhD Resource Econ

12J G MCNEELY Jr PhD Asst Prof Agr Econ

3R C COX MS 4-H Club Ldr and Admin Asst

Home Economics, Sarah Hamilton Fleischman

School of

123MARILYN J HORN PhD Assoc Dean (702-784-6977) 12Mrs ANN M CHAPMAN MS Asst Prof Foods and Nutr

1RUTH DUNN MS Asst Prof Home Econ Educ 13Mrs HAZEL I HARDY MS Asst Prof Child Devlpmt 1Mrs SALLY SKEES BS Instr Child Devlpmt

13Mrs PEGGY KIMSEY MS Asst Prof Home Mgt 123Mrs CATHERINE C LOUGHLIN MA Ext Spec and

Assoc Prof Fam Econ

1JEANNE MADSEN MS Instr Fashion Trades 12Mrs BARBARA J MARGERUM MS Asst Prof Cloth Text 123Mrs MARILYNN J MEEUWIG MA Ext Spec and Instr

Int Design IJO ANNE NELSON BS Instr Food Serv Mgt

3Mrs MARJORIE STEVENSON MS Ext Spec 13PATRICIA A TRIPPLE EdD Ext Coord and Prof Home Econ Educ

1Mrs MARY M WILSON MS Assoc Prof Foods and Nutr

Library, College 6700 12Mrs MAURICA G OSBORNE MLS Libr 1.J W McCONNELL PhD Pres IN W MYERS BS Vice Pres-Treas
IR N FAIMAN PhD Vice Pres for Res Plant Soil and Water Science 6680 123R A YOUNG PhD Prof Soil Sci and Chmn of Div 123H A KEENER PhD Dean of Col of Aar and Dir of Sta (Tel Area Code 603-868-5511 Ext 221) 2VERAM BERT MS Instr Plant Path 12H P CORDS PhD Prof Weed Sci and Cereal Crops 12M C RICHARDS PhD Assoc Dean of Col of Agr (Tel Area Code 603-868-5511 Ext 221) 5R M DIXON PhD Res Soil Sci and Field Sta Ldr (ARS) 3S W HOITT MS Dir Coop Ext Serv (Tel Area Code 5A S DYLLA MS Adjunct Assoc Prof Water Sci and Res 603-868-5511 Ext 263) Agr Engin (ARS) 12R O GIFFORD PhD Assoc Prof Soil Phys 12J C GUITJENS PhD Asst Prof Irrig Engin Animal Sciences 6720 123W C SKOGLUND PhD Prof Poultry Mgt and Chmn of 123R A HANGON MS Instr Soil Sci 150 J HUNT PhD Adjunct Prof Plant Brdg and Res Dept 12F E ALLEN DVM Prof Vet Sci Agron (ARS) 13C H BOYNTON PhD Prof Dairy Mat 12E H JENSEN PhD Prof Forage Crops 1Mrs JANET C BRIGGS BS Instr Light Horses 13C N MAHANNAH MS Asst Prof Irrig 123J E MAXFIELD PhD Asst Prof Plant Path 12W M COLLINS PhD Prof Poultry Genet 12N F COLOVOS MS Prof Anim Nutr 2D C MELARKEY BS Instr Agron 12A C CORBETT DVM Assoc Prof Avian Path 5D W MICHENER BS Agr Engin (ARS) 12W R DUNLOP DVM Prof Path
12A K FOWLER PhD Asst Prof Dairy Physiol 2J J MURRAY BS Instr Agron 45R N PEADEN MS Res Agron (ARS) 12J B HOLTER PhD Assoc Prof Dairy Nutr 12F F PETERSON PhD Assoc Prof Soil Morphol and 13H C MOORE MS Assoc Prof Dairy Prods Classif 123J T RIKER III PhD Asst Prof Gen Livestock 123R L. POST MS Instr Hort 12R C RINGROSE PhD Prof Poultry Nutr 5M B ROLLINS MS Res Soil Sci (ARS) 13G L SMITH MS Assoc Prof Meats 124R H RUF Jr PhD Assoc Prof Hort 5G E SCHUMAN BS Soil Sci Res Asst (ARS) 12S C SMITH PhD Asson Prof Biochem 12R G STROUT PhD Assoc Prof Parasitol 12P L SMITHERS MS Instr Hort 3RICHARD WARREN MS Prof Poultry Mgt 5D M STUART PhD Adjunct Assoc Prof and Res Soil Sci (ARS) Biochemistry 13B B TAYLOR PhD Asst Prof Agron 12E J HERBST PhD Prof Biochem and Chmn of Dept 5RHYS TOVEY MS Res Agr Engin (ARS) 12D M GREEN PhD Prof Biochem Genet 12MIYOSHI IKAWA PhD Prof Biochem Renewable Natural Resources 12G L KLIPPENSTEIN PhD Asst Prof Phys Biochem 12C M SKAU PhD Assoc Prof of Watershed Mat and Chmn 12J A STEWART PhD Asst Prof Devlomt Biochem of Div 12A E TEERI PhD Prof Biochem 31 L. ABTZ BS - Ext Range and Pasture Spec-12W H BLACKBURN MS Junior Range Ecol 125R E ECKERT PhD Adjunct Prof Range Sci and Res 12T E FURMAN PhD Assoc Prof Ecol and Chmn of Dept Range Sci (ARS) 12S J DUNN PhD Prof Plant Physiol 125R A EVANS PhD Adjunct Prof Range Sci and Res 12A R HODGDON PhD Prof Plant Taxon Romone Sci (ARS) 1A C MATHIESON PhD Asst Prof Phycol 2D J J AGER MS Lect and Res Asst in Watershed Mat 1CHARLOTTE G NAST PhD Prof Plant Morphol 125R O MEEUWIG PhD Adjunct Assoc Prof Watershed Mat 1W H PAWUK BS Instr Plant Path and Soit Phys (USFS) 12A E RICH PhD Prof Plant Path 1H E NORTON BA Lect For 12R W SCHREIBER PhD Prof Plant Cytol 123J H ROBERTSON PhD Prof Range Sci and Range Ecol 5A L SHIGO PhD Adjunct Assoc Prof Plant Path NIVAN SACK BS Lect For and Recreation 123C S SALADINO II MS Asst Prof of Recreation Environ Economics (Resource) Design 123J R BOWRING PhD Prof Com Devipmt and Chmn of Dept 12R A ANDREWS PhD Assoc Prof Farm Mat 12P T TUELLER PhD Assoc Prof hange Sci and Assoc Range Ecol 5E T BARDWELL BS Coop Agt Poultry Mktg 125J A YOUNG PhD Adjunct Asst Prof of Range Sci and 3F V BARKER BS Ext Coord Res Range Sci (ARS) 12C T K CHING PhD Asst Prof Land Use 1W H DREW PhD Prof Aar Mkta 10 & DURGIN MA Assoc Prof Rural Sociol Field Laboratories 6690 Main Station Field Lab (PO Seno 89502) 3NICOLAS ENGALICHEV MS Assoc Prof For Prods 2R D BUTLER MS Supt Central Nevada Field Lab (PC Austin 89310) 5G E FRICK MS Adjunct Prof Farm Mat 12W F HENRY MS Prof Res Econ and Chmn Resources 2M J SHARP BS Supt Knołl Creek Field Lab (PO Jackpot 89825) Devlomt Center 2C R TORELL MS Supt 12E F JANSEN PhD Assoc Prof Agr Mktg 5N L LeRAY Jr EdD Adjunct Assoc Prof Rural Sociol Newlands Field Lab (PO Fallon 89406) 2J A MCCORMICK MPA Supt 13S B NOTT PhD Asst Prof Farm Mat Pahrump Field Lab (PC Clark Co Ext Off Las Vegas 3S B WEEKS BS Assoc Prof Resource Devlomt 89101) 23R A MADSEN MS Supt Editorial 6760 Southern Nevada Field Lab (PO Logandale 89021) 123H W CORROW Jr BJ Ext Ed 2G D ROBISON PhD Supt 123L F HEALD BA Dir Inform Serv and Univ Ed

# NEW HAMPSHIRE

23C L MILLS BS Junior Plant Sci

College of Agriculture and the Agricultural Experiment Station of the University of New Hampshire, Durham 03824

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

Entomology

1W H ANNIS EdD Assoc Prof Agr Educ

Ext Ed (Home Econ)

Education (Agr)

6780 12J G CONKLIN PhD Prof Ent and State Ent and Chmn of Dept 12R L BLICKLE PhD Prof Ent

3Mrs JOAN A PETERS MS Asst Prof Home Econ and

6770

### NEW HAMPSHIRE-NEW JERSEY

### Entomology-Continued

12R M REEVES PhD Asst Prof For Ent 3D W S SUTHERLAND PhD Asst Prof Pest Safety

### Extension Administration

6790 3ISABEL DODRILL MA Assoc Prof Home Econ and Ext Home Econ State Ldr

3JESSE JAMES MS Assoc Prof Agr Educ and State 4-H Club Ldr

3R B LITTLEFIELD BS Co Act Ldr

3R P SLOAN MPA Asst Prof For Res and State For Ldr 3R A STEVENS BS Prog Spec 4-H Youth Devlomt

### Forest Resources

6800 12P L BRUN'S Phi. Prof For Mat

12J P BARRETT PhD Assoc Prof For Mensuration 12B B FOSTER PhD Asst Prof For Mat

12J L HILL DF Assoc Prof For Prods 12H W HOCKER Jr DF Assoc Prof Silvic

5W B LEAK MF Adjunct Asst Prof For Mat

12D P OLSON PhD Assoc Prof Wildlife Mat 3G J OUELLETTE MS Co For at Large and For Res

Bus Spec 5R S PIERCE PhD Adjunct Assoc Prof Watershed Mat

5E J SCHREINER PhD Adjunct Prof For

120 P WALLACE Sr PhD Assoc Prof For Econ 12R R WEYRICK MF Asst Prof For Mat

### Home Economics

6820 12MARJORY A WYBOURN EdD Prof Home Econ Educ

and Chmn of Dept 3RUTH E DAVIS MA Assoc Prof Human Relat and

Child Devlpmt 1ANDREA R DESJARDINS MA Instr Cloth Text 1E O GOODMAN Jr EdD Assoc Prof Fam Relat 1Mrs VIRGINIA W GRIEWANK BS Instr Child Devlomt 1MARY E HOLDER MS Assoc Prof Home Mat 1Mrs SYLVIA H MARPLE MS Asst Prof Foods and Nutr 3Mrs D ANNE NICKERSON BArch Asst Prof Home Mat

3DOROTHY C O'DONNELL MS Assoc Prof Relat Art 1M ELIZABETH RAND MEd Assoc Prof Child Devlomt 1J L SPANGENBERG PhD Assoc Prof Fam Relat

Microbiology

6855

12L W SLANETZ PhD Prof Microbiol and Chmn of Dept 2Mrs CLARA H BARTLEY PhD Res Assoc Microbiol 12W R CHESBRO PhD Assoc Prof Microbiol

## Plant Science

123L C PEIRCE PhD Prof Genet Hort Crops and Chmn of Dept

12G M DUNN PhD Prof Forage Genet

12RUSSELL EGGERT MS Prof Plant Nutr

123L J HIGGINS BS Assoc Prof Turf Mat

123C A LANGER PhD Prof Pomol

12J B LOY PhD Asst Prof Physiol Genet

23L A McFADDEN PhD Assoc Prof Path Ornam

3J R MITCHELL MS Asst Prof Forage Crops

3R B PIKEMS Ext Landsc Hort

120 M ROGERS PhD Assoc Prof Genet Ornam

12D G ROUTLEY PhD Assoc Prof Plant Chem

30 S WELLS PhD Asst Prof Veg Prod

### Soil and Water Science

6850 124G L BYERS MS Prof Aar Engin and Chmn of Water Resources Res Center

12H E GAUDETTE PhD Asst Prof Geol and Soil Mineral

12G W GTE PhD Asst Prof Soil Phys 12F R HALL PhD Assoc Prof Hydrol

12N K PETERSON PhD Assoc Prof Soil Chem

# Thompson School of Applied Science

IPS BARTON MEd Prof Anim Sci and Dir IJC BOZAK Jr MF Asst Prof For Tech 1C H J BREEDING BS Asst Prof Soils 1J A DODDS MAgrEd Assoc Prof Dairy Sci 1ALBERT GILE BSAE Instr Agr Engin IP A GILMAN MS Assoc Prof Agr Engin 1R H GRANGER MS Assoc Prof Agr Bus

### Thompson School of Applied Science-Continued

1M E JENKINS MSF Assoc Prof For Technol 1R C KENNEDY MS Assoc Prof Hort

1J A LEAHY Jr MS Instr Plant Sci 1M R PEPPER BS Instr Food Serv Mat

1W M RAINBOLT III BA Instr Commun

1J D SILVA MA Asst Prof Commun 1F P SINGER MS Instr For Tech

1J R STORMS BS Asst Prof Food Serv Mat

### Miscellaneous

12F. P BOOSKA! AarEd Asst to Dean

2H A DAVIS MS Assoc Prof Anal Serv

12R E DYSINGER MS Br Libr

12W E URBAN Jr PhD Asst Prof Biomet and Statis

### **NEW JERSEY**

College of Agriculture and Environmental Science, New Jersey Agricultural Experiment Station, Rutgers-The State University, New Brunswick 08903

1College Staff 2Station Staff 3Extension Staff ALegve of Absence 5C∞p USDA 6C∞p USDI 7Coop USDC

1M W GROSS PhD LLD Pres

1R SCHLATTER PhD Provost

1.J L SWINK MBA Vice Pres and Treas

1231. GMERRILL Ir PhD Dean of Agr (Tel Area Code 201 CH 7-1766 Ext 1447)

2V A MACLINN PhD Dir of Sta and Assoc Dean (Tel Area Code 201 CH 7-1766 Ext 1867)

12D J BURNS PhD Asst Dir of Sta

3.1 L GERWIG PhD Dir of Ext Serv in Agr and Home Econ and Assoc Dean (201 CH 7-1766 Ext 1306)

3M V ADAMS PhD Agr Ext Spec Ldr 3A M HOVLAND Asst Dir of Ext

1R II MERRITT PhD Dir of Res Instrand Assoc Dean (201 CH 7-1766 Ext 1465)

1R R LOCANDRO MS Asst Dir of Res Instr IWESTERVELT GRIFFIN EdD Asst Dean of Col of

Aar 1R F DAWSON PhD Dir of Internatl Proa

### Agricultural Communications

6880

6860

6870

123C J TELLER BS Dir Agr Commun and Head of Dept 2A E CARNES BS Assoc Ext Spec Pubs 13M D KIRKLAND BS Assoc Spec Radio-TV 3JANET McCORMACK BS Ext Assoc 4-H 3BARBARA NADEL BA Commun Ed 3W C REED MA Ext Assoc Pesticides 13S C STABE Assoc Spec Vis Aids 12H R STANTON BA Assoc Dir Agr

## **Animal Science**

6890

12J P MIXNER PhD Res Prof Anim Sci and Head of Dept

2E V ADAMS PhD Asst Prof Virol 3JOHN BEZPA BS Ext Spec Poultry Husb

2J J DOWLING BS Assoc Res Prof Poultry Husb

12J L EVANS PhD Assoc Prof Nutr

2P V FONNESBECK PhD Asst Res Prof Anim Sci

2R L GILBREATH PhD Asst Prof Meat Sci 12JOHN GRUN PhD Assoc Prof Parasitol

30 F HARPER MS Assoc Ext Spec Horse Mat

3F W KINGSBURY DVM Assoc Ext Spec Poultry Sci 3D M KNIFFEN MS Assoc Ext Spec Anim Husb

2IVAN KUJDYCH DVM Assoc Res Prof Path (PO Vineland)

12R E MATHER PhD Prof of Dairy Husb

12R G MITCHELL PhD Assoc Res Prof Anim Genet

2J O NORDSTROM PhD Asst Prof Physiol 3E T OLESKIE BS Ext Spec Dairy Sci

12C H RAMAGE PhD Prof Nutr (PO Sussex)

12R P REECE PhD Res Prof Physiol

12ENRIQUE SANTAMARINA DVM PhD Assoc Res Prof Path

NEW JERSEY 6890-7000

Entomology and Economic Zoology-Continued

12OTTO SCHWABE Assoc Res Prof Anim Path	3S R RACE Jr PhD Assoc Ext Spec Ent
12R L SQUI3B PhD Prof Anim Nutr	12J P REED PhD Assoc Res Spec Ent and Econ Zool
12P D STURKIE PhD Res Prof Physiol	2R C RILEY PhD Asst Res Prof Ent
12D C TUDOR DVM Res Prof Anim Path 12G W VANDER NOOT MEd Prof Anim Husb	12J B SCHMITT PhD Res Prof Ent 12J D STEWART MS Res Assoc Ent
3FRANK WRIGHT MS Assoc Ext Spec Dairy Husb	12H T STREU PhD Assoc Res Prof Ent
31 HANK WILLOUT IND ASSOC DAY OPEC DAILY HADD	12D J SUTHERLAND PhD Res Prof Ent
Biochemistry and Microbiology 6900	12F C SWIFT PhD Assoc Res Prof Ent
12DAVID PRAMER PhD Prof Agr Microbiol and Head of	3L M VASVARY PhD Asst Ext Spec Ent
Dent	12B R WILSON PhD Res Prof Ent
12M J BABCOCK PhD Assoc Res Prof Acr Biochem	12D It WILDON FILD THES I TOT LIN
2RICHARD BARTHA PhD Asst Res Prof Biochem and	Environmental Science 6960
Microbiol	12A J KAPLOVSKY PhD Res Prof Environ Sci and
2J D MACMILLAN PhD Asst Prof Microbiol	Head of Dept
12LLONAS MILLER PhD Asst Res Prof Biochem and	1F O BLACKWELL MPH. Assoc Prof Environ Sci
Microbiol	12S D FAUST PhD Res Prof Environ Sci
12D H STRUMEYER PhD Asst Prof Biochem and Microbiol	2M S FINSTEIN PhD Assoc Prof Environ Sci
12M W TAYLOR PhD Prof Acr Biochem	3F B FLOWER MS Assoc Ext Spec Environ Sci
Chemistry (Agr) 6910	12E J GENETELLI BCE Asst Prof Environ Sci
Chemistry (Agr)  2S B RANDLE PhD Res Prof Agr Chem and Head of	12F J HAUGHEY PhD Asst Prof Environ Sci
Dept Tes Flot Adi Chem and Fledd of	12J V HUNTER PhD Assoc Res Prof Environ Sci
2W F CAREY BS Asst Res Prof	12R M MANGANELLI PhD Res Prof Environ Sci
2CAROL A FASSBENDER BA Instr Acr Chem	3J J SOPOROWSKI Jr MBA Assoc Ext Spec Environ Sci
2KENNETH HELRICH MS Res Prof Aar Chem	12J R WESTMAN PhD Res Prof Environ Sci
2H P HERMANSON PhD Asst Res Prof Acr Chem	
2S E KATZ PhD Res Prof	Extension Administration 6970
2J D ROSEN PnD Asst Res Prof	3J L GERWIG PhD Dir and Assoc Dean
2R F STRUSZ BS Res Assoc	3M V ADAMS PhD Ext Spec Ldr
2GEORGE WINNETT MA Assoc Res Prof Agr Chem	3A M HOVLAND MEd Asst Dir
	3F S MANSUE BS Assoc Prof 4-H Ext Ldr
Conservation and Environmental Science (Bur) 6915	3T J MURPHY BS Asst 4-H Ext Ldr
2B R WILSON PhD Chmn of Bur	3Mrs FLORENCE M VAN NORDEN MS Assoc Home
	Econ Ldr
Economics and Marketing (Agr) 6920	3R P WINTERS MS 4-H Ldr
12G W LUKE PhD Res Prof Agr Econ and Head of Dept	Food Science 6980
12D J BURNS PhD Res Prof Mktq 12G T DEVINO PhD Asst Prof Agr Econ	12G R DIMARCO PhD Prof Food Sci and Head of Dept
12P S DHILLON PhD Asst Prof Agr Econ	3J A BLAKE MS Ext Assoc in Food Sci
3M S FABIAN MS Asst Ext Spec Mktg	12S S CHANG PhD Res Prof
3J M HUNTER MS Assoc Ext Spec Agr Policy	12HAROLD COREY MS Instr Food Sci
12A R KOCH PhD Prof Agr Econ	12S G GILBERT PhD Prof Food Sci
23R G LATIMER PhD Asst Ext Spec Farm Mat	12KAN-ICHI HAYAKAWA PhD Asst Prof Food Sci
12A A MEREDITH MS Res Prof Mktg	2ENDEL KARMAS PhD Res Assoc Food Sci
12W L PARK PhD Assoc Res Prof Agr Erron	12D H KLEYN PhD Assoc Res Prof Dairy Indus
3F A PERKINS MS Assoc Ext Spec Mktq	12H E KNOX Jr MS Visiting Invest Food Sci
3W M RUNK BS Ext Spec Res Devlomt	12P A LACHANCE PhD Assoc Prof Food Sci
12E R WESTCOTT PhD Assoc Res Prof	12J G LEEDER PhD Res Prof Dairy Indus
	12W A MACLINN PhD Prof
Education 6930	12M M PAULOSE PhD Visiting Invest Food Sci 3N D PINTAURO PhD Ext Spec Food Sci
IC C DRAWBAUGH MEd Asst Prof Agr Educ	
	12MYRON SOLBERG PhD Assoc Prof Food Sci 12Mrs CLIZABETH F STIER PhD Assoc Res Prof Food
Engineering 6940	Sci
12M E SINGLEY MS Res Prof Agr Engin and Head of	SCI
Dept	Home Economics 6990
12H E CARPENTER BS Assoc Ext Spec Mech Agr	3A L ANDERSON Assoc Ext Spec in Human Relat
3MARTIN DECKER Jr MS Asst Ext Spec Agr Engin	3AUDREY C BURKART MA Asst Ext Spec Foods and
12D R MEARS MS Res Assoc Agr Engin	Nutr
12M J MOORE MS Asst Prof Acr Engin	3JEAN F JUDGE BS Ext Spec Food Mktg
12KURT NATHAN MS Assoc Prof Act Engin 12G H NIESWAND MS Instr Act Engin	3BEATRICE M MAY MS Assoc 4-H Ext Spec Text and
12C H REED MS Prof Agr Engin	Cloth
3W J ROBERTS MS Assoc Ext Spec Agr Engin	3ELIZABETH A MACAULEY BS Ext Assoc 4-H Foods
Sil 3 Hoberto Mo Hosse and Sala VIII and	and Nutr
Entomology and Economic Zoology 6950	3Mrs FLORENCE G MINIFIE BS Assoc Ext Spec Text
12B B PEPPER PhD Res Prof Ent and Econ Zool and	and Cloth
Head of Dept	3GENA THAMES MS Assoc Ext Spec Home Furn
2W J CRANS PhD Asst Res Prof Ent	Horticulture and Forestry 7000
12A J FORGASH PhD Res Prof Ent	12C E HESS PhD Res Prof Hort and Head of Dept
12PHILIP GRANETT PhD Res Prof Ent	2L G ALBRIGO MS Res Assoc Pomol
2A P GUPTA PhD Asst Res Prof Ent and Econ Zool	2D C ANDREASSEN BS Res Assoc Hort and For
12L E HAGMANN PhD Res Prof Ent	12CATHERINE H BAILEY PhD Assoc Res Prof Pomol
12E J HANSENS PhD Res Prof Ent 12W R JENKINS PhD Res Prof Ent	12N F CHILDERS PhD Blake Prof Hort
12D M JOBBINS MS Res Prof Ent	3E G CHRIST MS Ext Spec Pomol
3R R KRINER PhD Ext Spec Pest Coord	120 W DAVIDSON PhD Res Prof Flor
2G M MARKEL BS Res Assoc Ent	12R H DEBOER MS Assoc Prof Landsc Design
23P E MARUCCI BS Res Prof Ent	2W O DRINKWATER PhD Prof Veg Crops
2L G MERRILL Jr PhD Prof Ent	12PAUL ECK PhD Assoc Prof Pomoi
2R F MYERS PhD Asst Res Prof Ent	12J H ELLISON PhD Res Prof Veg Crops

Animal Science-Continued

Soils and Crops-Continued

3J A MEADE PhD Ext Spec Weed Control

Horticulture and Forestry-Continued

12CHAIM FRENKEL PhD Visiting Res Invest Hort and

For		12H L MOTTO PhD Asst Res Prof Soils and Cro	
12S A GARRISON PhD Asst Prof Vea Crops		2Mrs RUTH B NASHED PhD Res Assoc Weed C	
12J L HALL MLA Asst Prof Landsc Arch 12B A HAMILTON PhD Asst Prof Ornam Hort		3J W PATERSON PhD Assoc Ext Spec Soils or	
3M R HARRISON BS Ext Spec Flor		5G A QUAKENBUSH BA Assoc Res Prof Soil ( 12D N RIEMER PhD Asst Res Prof Farm Crops	onserv
12L F HOUGH PhD Res Prof Pomol		12M A SPRAGUE PhD Prof Farm Crops	
12G L JELENKOVICS PhD Res Assoc Pomol		12J E STECKEL PhD Prof Soil Chem	
3W B JOHNSON MS Ext Spec Vea Crops		12J C F TEDROW PhD Prof Soils	
3R P KORBOBO BS Ext Spec Landsc Design		12S J TOTH PhD Prof Soils	
3D B LACEY MS Assoc Ext Spec Home Hort		12G F WALTON BS Asst Prof Lect Res Devlomt	
3A N LENTZ BS Ext Spec Farm For		25W V WELKER Jr PhD Assoc Res Prof Farm C	rops
3L D LITTLE Jr MS Assoc Ext Spec Nursery Mat			
12R H MERRITT PhD Assoc Prof Ornam Hort		Water Resources Research Institute	7055
12E R ORTON Jr PhD Assoc Res Prof Ornar. Hort 23B L POLLACK PhD Ext Spec Veg Crops		2WILLIAM WHIPPLE Jr CE Exec Dir	
		M: 11	70/0
12J N SCALIS BS Instr Flor 12OVED SHIFRISS PhD Res Prof Veg Crops		Miscellaneous 12H C BOHLKE Bursar	7060
123C R SMITH PhD Assoc Prof Pomol		3W A MITCHELTREE MS Ext Spec Community	life
12W E SNYDER PhD Prof Ornam Hort		12T A STRAWINSKI Bus Mar	
12B B STOUT MF Assoc Prof For		12JOLAN G SZENDREY BA Libr	
12G A TAYLOR PhD Prof Veg Crops			
12R F WEST MG Prof For		Substations	7070
		Cramberry and Blueberry Res Center (PO Pemberton)	
Meteorology	7010	2P E MARUCCI BS Res Prof Ent in Chq	
12A V HAVENS MS Prof of Vet and Head of Dept		Dairy Res Center (PO Sussex)	
12EDWIN ADDISON BA Adv Aar Met		12J P MIXNER PhD Res Prof Dairy Sci in Cha	
7D V DUNLAP MS Lect Met		Ovster Res Lab (PO Bivalve)	
12S JAFFE PhD Asst Prof Met		2H H HASKIN PhD Res Prof Oyster Cult in Cho Poultry Path Lab (PO Vineland)	1
12M D SHULMAN PhD Assoc Prof Met		2IVAN KUJDYCH DVM Assoc Res Prof Poultr	v Dath
Nutrition	7020	in Chg	y I dui
12HANS FISHER PhD Prof Nutr and Head of Dept	7020	Soils and Crops Res Center (PO Adelphia)	
12PAUL GRIMINGER PhD Prof Nutr		123W R BATTLE PhD Res Prof in Cha	
12S G KAHN PhD Hon Res Prof		South Jersey Res and Devlomt Center (PO Centerton	1
		2R A KIENZLE BS Asst to Fxpt Sta Dir	
Oyster Culture	7030	2JOSEPH STEINKE BS Asst to Expt Sta Dir	
2H H HASKIN PhD Prof and Head of Dept			
2W J CANZONIER BS Res Assoc Oyster Cult		NEW MEXICO	
Zii 3 Ort. 12 Ort. Eli 20 Tres rissoe Oyster Oure	-	NEW MEXICO	
2D E KUNKLE BS Res Assoc Oyster Cult	-		
2D E KUNKLE BS Res Assoc Oyster Cult	-	College of Agriculture and Home Economics, th	
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology	7040	College of Agriculture and Home Economics. the cultural Experiment Station, and the Cooperative Ex	tension
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of	f Dept	College of Agriculture and Home Economics, th	tension
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Po	f Dept	College of Agriculture and Home Economics. the cultural Experiment Station, and the Cooperative Ex- Service of New Mexico State University. Las Cruces	88001
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 2J C CAMPBELL Assoc Res Prof Plant Path	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Extervice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension Staff	t <b>ension</b> 88001 ff
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 2J C CAMPBELL Assoc Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Extervice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension Staff	88001
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 2J C CAMPBELL Assoc Res Prof Plant Path 12H A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Physiol	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Extervice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension Staff	t <b>ension</b> 88001 ff
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 2J C CAMPBELL Assoc Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Cooperative E	######################################
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology 12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Physiol 12R H DAINES PhD Res Prof Plant Path	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035) 123P J LEYENDECKER PhD Deam of Col of Agr	######################################
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELL INI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Physiol 12R H DANES PhD Res Prof Plant Path 3S H DAVID Jr PhD Ext Spec Plant Path	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Experiment Station, and the Cooperative Experiment of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 2 Extension Staff 4 Leave of Absence 5 Coop USDA 6 Coopus Last 1 Coopus Last 1 Coopus Last 2 Coopus L	######################################
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12H C CAMPBELL Assoc Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 3S H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 2IDA A LEONE MS Asst Res Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  123P J LEYENDECKER PhD Deam of Col of Agr- Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)	ff ff pp USDI 7080
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELL Assoc Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Assoc Prof Plant Path 12D D LEWIS PhD Assoc Prof Plant Path 12D B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Physiol	f Dept	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Coop 1 Leave of Absence 5 Coop USDA 6 Coop 1 Leave of Agriculture	ff ff pp USDI 7080
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H DAINES PhD Res Prof Plant Path 3S H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Physiol 13J L PETERSON PhD Assoc Res Prof Plant Path	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035) 123P J LEYENDECKER PhD Deam of Col of Agr Home Econ Dir of Sta Dir of Ext Serv (505-646-2646) 2 M L WILSON PhD Assoc Dir of Sta (505-646-3 3 A E TRIVIZ MPA Assoc Dir of Ext Serv	ff ff pp USDI 7080
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 3S H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 2IDA A LEONE MS Asst Res Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Physiol 12I L PETERSON PhD Assoc Res Prof Plant Poth 12L A PRICE PhD Prof Plant Biochem	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 2 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  1 2 P J LEYENDECKER PhD Deam of Col of Agriculture Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2 M L WILSON PhD Assoc Dir of Sta (505-646-3 3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505-646-3015)	sension 88001 ff pp USDI 7080 and
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12H C CAMPBELL Assoc Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 3S H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Physiol 12J L PETERSON PhD Assoc Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  12 P J LEYENDECKER PhD Deam of Col of Agriculture Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2 M L WILSON PhD Assoc Dir of Sta (505-646-3 3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505-646-3015)  2 W P STEPHENS PhD Asst Dir of Sta (505-646-646-646-3015)	### Rension
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Poth 12H E CLARK PhD Res Prof Plant Physiol 12R H DANINES PhD Res Prof Plant Path 35 H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Assoc Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12D PTERSON PhD Assoc Res Prof Plant Path 13C A PRICE PhD Prof Plant Biochem 31 K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  123P J LEYENDECKER PhD Deam of Col of Agr. Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2M L WILSON PhD Assoc Dir of Sta (505-646-3 3A E TRIVIZ MPA Assoc Dir of Ext Serv (505-646-3015)  2W P STEPHENS PhD Asst Dir of Sta (505-646-3) 3 I E KIRBY PhD Asst Dir of Ext Serv (505-646-3)	### Rension
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLIN PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13R H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  12 P J LEYENDECKER PhD Deam of Col of Agriculture Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2 M L WILSON PhD Assoc Dir of Sta (505-646-3 3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505-646-3015)  2 W P STEPHENS PhD Asst Dir of Sta (505-646-646-646-3015)	### Rension
2D E KUNKLE BS Res Assoc Oyster Cult  Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Assoc Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Physiol 12J L PETERSON PhD Assoc Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem	f Dept	College of Agriculture and Home Economics. th cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Sta 4 Leave of Absence 5 Coop USDA 6 Coo  1 R B CORBETT PhD Pres (505-646-2035)  123P J LEYENDECKER PhD Deam of Col of Agr Home Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2 M L WILSON PhD Assoc Dir of Sta (505-646-3  3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505-646-3015)  2 W P STEPHENS PhD Asst Dir of Sta (505-646  3 J E KIRBY PhD Asst Dir of Ext Serv (505-646  1 J V ENZIE PhD Asst Deam of Agr and Home E	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol	f Dept ath	College of Agriculture and Home Economics. the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 3 Extension Staft 4 Leave of Absence 5 Coop USDA 6 C	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLIN PhD Prof Plant Path 12R A CAPPELLIN PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13S H DAVID Jr PhD Ext Spec Plant Path 14D MAINES PhD Asst Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12DA PRICE PhD Assoc Res Prof Plant Path 12DA PRICE PhD Assoc Res Prof Plant Path 12DA PRICE PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Path 12E H VARNEY PhD Prof Plant Biol	f Dept ath	College of Agriculture and Home Economics. the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University. Las Cruces  1 College Staff 2 Station Staff 2 Extension State 4 Leave of Absence 5 Coop USDA 6 C	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 C	rension 88001 ff pp USDI 7080 and (125) -3125) -3015) con
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLIN PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13S H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L A PRICE PhD Assoc Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops 123W R BATTLE PhD Res Prof Farm Crops and Head	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Expension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 5 Cooperative Extension State 5 Cooperative Extension State 5 Cooperative Extension State 5 Cooperative Extension Extension State 5 Cooperative Extension Extension Education State 5 Cooperative Extension Education Extension Education Extension Education	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Path 12E H VARNEY PhD Prof Plant Biol	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension Staft 4 Leave of Absence 5 Coop USDA 6 Cool  1 R B CORBETT PhD Pres (505-646-2035)  123P J LEYENDECKER PhD Deam of Col of Agrillone Econ Dir of Sta Dir of Ext Serv (505-646-2646)  2 L WILSON PhD Assoc Dir of Sta (505-646-33 A E TRIVIZ MPA Assoc Dir of Sta (505-646-3015)  2 W P STEPHENS PhD Asst Dir of Sta (505-646-31 J V ENZIE PhD Asst Dir of Ext Serv (505-646-2646)  123 ANNETTE G HARLAN BS Asst to Dir (505-646-2646)  123 ANNETTE G HARLAN BS Asst to Dir (505-646-2646)  123 K R HAPEN MA Vice Pres of Finance (505-646-2646)  124 L A WAGLEY EdD Assoc Prof and Head of February Control of the Control of th	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H H DAVID I PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12G D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Path 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  12B W REATTLE PhD Res Prof Farm Crops and Head Dept 12C C ANDERSON PhD Res Prof Soils 4J C ANDERSON PhD Res Prof Soils and Crops  12C CIALONE PhD Res Prof Soils and Crops  12C CIALONE PhD Res Prof Soils and Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension Staft 4 Leave of Absence 5 Coop USDA 6 C	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12D A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Res Prof Plant Bochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Res Prof Plant Biol Soils and Crops 123W R BATTLE PhD Res Prof Farm Crops and Head Debt 12C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Soil Mineral	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex.  Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Experiments of Aleave of Absence 5 Coop USDA 6 Cooperative Experiments of State 1 Leave of Agriculture Economic of State Dir of Col of Agriculture Economic of State Dir of Ext Serv (505–646-2646)  2 M L WILSON PhD Assoc Dir of State (505–646-3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505–646-3015)  2 W P STEPHENS PhD Asst Dir of State (505–646-31 E KIRBY PhD Asst Dir of Ext Serv (505-646-31 E KIRBY PhD Asst Dean of Agriculture Economic Office Pressof Finance (505–646-2646)  123 ANNETTE G HARLAN BS Assit to Dir (505–646-2646)  123 ANNETTE G HARLAN BS Assit to Dir (505–646-2646)  124 Agricultural and Extension Education  1 L A WAGLEY EdD Assoc Profess of Finance (505-646-2646)  130 F BACA MS Prof of Agriculture Education  1 L A WAGLEY EdD Assoc Profess of Education	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLING PhD Res Prof Plant Path 12R A CAPPELLING PhO Res Prof Plant Path 12R A CAPPELLING PhO Res Prof Plant Path 12R DAINES PhD Res Prof Plant Path 13B H DAVID Jr PhD Ext Spec Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A RENDIOLA MA Asst Res Prof Plant Path 12DA PRICE PhD Assoc Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  123W R BATTLE PhD Res Prof Farm Crops and Head Depth 14DA ASSOC Res Prof Soils 4J C ANDERSON PhD Res Prof Farm Crops 12I C CIALONE PhD Assoc Res Prof Soils and Crolla R W DUELL PhD Assoc Res Prof Soils and Crolla R W DUELL PhD Assoc Res Prof Farm Crops 12I A DOUGLAS PhD Assoc Res Prof Soils and Crolla R W DUELL PhD Assoc Res Prof Farm Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State Leave of Absence 5 Coop USDA 6 Cooperative Extension State University, Las Cruces  1 R B CORBETT PhD Pres (505–646-2035)  1 23P J LEYENDECKER PhD Deam of Col of Agriculture Econ Dir of Sta Dir of Ext Serv (505–646-2646)  2 L WILSON PhD Assoc Dir of Sta (505–646-3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505–646-3015)  2 W P STEPHENS PhD Asst Dir of Ext Serv (505–646-3015)  2 W P STEPHENS PhD Asst Dir of Ext Serv (505-646-1 J V ENZIE PhD Asst Dean of Agriculture Extension Education  1 L AWAGLEY EdD Assoc Prof and Head of Petron State Cooperation of Extension Education  1 L A WAGLEY EdD Assoc Prof and Head of Petron State Cooperation Education  1 L OCOK JF BS Instr Agr Inst Educ	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12B ACAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13B A CAPPELLINI PhD Prof Plant Path 13B H DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A ALEONE MS Asst Res Prof Plant Path 12D ALEWIS PhD Assoc Prof Plant Path 12D ALEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA ASST RES Prof Plant Path 12L B MENDIOLA MA ASST RES Prof Plant Path 12L B MENDIOLA MA ASST RES Prof Plant Path 12L A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD ASST Ext Spec 2C C STILL PhD ASST Ext Spec 2C C STILL PhD ASST RES Prof Plant Biochem 25A W STRETCH PhD ASST RES Prof Plant Biol 12E H VARNEY PhD Prof Plant Biol Soils and Crops 12M R BATTLE PhD Res Prof Farm Crops and Head Dept 12R B ALDERFER PhD Res Prof Soils 4J C ANDERSON PhD Res Prof Soils and Crops 12L A DOUGLAS PhD Assoc Res Prof Soil Sand Crops 12L R W DUELL PhD Assoc Res Prof Soil Sand Crops 12R W DUELL PhD Assoc Res Prof Soil Mineral 12R W DUELL PhD Assoc Res Prof Soil Mineral 12R W DUELL PhD Assoc Res Prof Soil Mineral 12R W DUELL PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex.  Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Experiments of Aleave of Absence 5 Coop USDA 6 Cooperative Experiments of State 1 Leave of Agriculture Economic of State Dir of Col of Agriculture Economic of State Dir of Ext Serv (505–646-2646)  2 M L WILSON PhD Assoc Dir of State (505–646-3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505–646-3015)  2 W P STEPHENS PhD Asst Dir of State (505–646-31 E KIRBY PhD Asst Dir of Ext Serv (505-646-31 E KIRBY PhD Asst Dean of Agriculture Economic Office Pressof Finance (505–646-2646)  123 ANNETTE G HARLAN BS Assit to Dir (505–646-2646)  123 ANNETTE G HARLAN BS Assit to Dir (505–646-2646)  124 Agricultural and Extension Education  1 L A WAGLEY EdD Assoc Profess of Finance (505-646-2646)  130 F BACA MS Prof of Agriculture Education  1 L A WAGLEY EdD Assoc Profess of Education	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H DAVID Ir PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D LEWIS PhD Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Path 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  12W R BATTLE PhD Res Prof Farm Crops and Head Debt 12 I C ANDERSON PhD Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Farm Crops 12I C CIALONE PhD Assoc Res Prof Form Crops 12I C CIALONE PhD Assoc Res Prof Form Crops 12I C CIALONE PhD Assoc Res Prof Form Crops 12I C CIALONE PhD Assoc Res Prof Form Crops 12I R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6	rension 88001  ff pp USDI  7080  and  (125)  -3125) (3015) (con  7085  ert
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Res Prof Plant Path 12R B CLARK PhD Res Prof Plant Path 12R B DAVID Jr PhD Res Prof Plant Path 13S H DAVID Jr PhD Ext Spec Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12DA A LEONE MS Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12DA PRICE PhD Asst Ext Spec C C STILL PhD Asst Ext Spec C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops 123W R BATTLE PhD Res Prof Farm Crops and Head Dept 12L A DOUGLAS PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 5 Cooperativ	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R DAVID Jr PhD Res Prof Plant Path 12R DAVID Jr PhD Ext Spec Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12C A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  123W R BATTLE PhD Res Prof Farm Crops and Head Dept 12R B ALDERFER PhD Res Prof Farm Crops and Head Dept 12R B ALDERFER PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops 3J L GERWIG PhD Assoc Res Prof Farm Crops 13 L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops 3D L GERWIG PhD Assoc Res Prof Farm Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Res Prof Plant Path 12R B CLARK PhD Res Prof Plant Path 12R B DAVID Jr PhD Res Prof Plant Path 13S H DAVID Jr PhD Ext Spec Plant Path 12DA A LEONE MS Asst Res Prof Plant Path 12DA A LEONE MS Assoc Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12DA PRICE PhD Asst Ext Spec C C STILL PhD Asst Ext Spec C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops 123W R BATTLE PhD Res Prof Farm Crops and Head Dept 12L A DOUGLAS PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Soils and Cro 12L A DOUGLAS PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 4 Leave of Absence 5 Coop USDA 6 Cooperative Extension State 5 Cooperativ	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 12H E CLARK PhD Res Prof Plant Path 13H H DANIES PhD Res Prof Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L A PRICE PhD Prof Plant Biochem 3J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  12N R BATTLE PhD Res Prof Farm Crops and Head Debt  12I C ANDERSON PhD Assoc Res Prof Soils and Crops  12I C CIALONE PhD Assoc Res Prof Soils and Crops  12I C CIALONE PhD Assoc Res Prof Farm Crops  12R E ENGEL PhD Prof Turf Mat  3R L FLANNERY PhD Ext Spec Soils  12C C F FUNK Jr PhD Assoc Ext Spec Farm Crops  3R M HANNA MS Assoc Ext Spec Farm Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Exservice of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State Leave of Absence 5 Coop USDA 6 Cooperative Extension State University, Las Cruces  1 R B CORBETT PhD Pres (505–646-2035)  1 23P J LEYENDECKER PhD Deam of Col of Agriculture Econ Dir of Sta Dir of Ext Serv (505–646-2646)  2 L WILSON PhD Assoc Dir of Sta (505–646-3)  3 A E TRIVIZ MPA Assoc Dir of Sta (505–646-3)  3 A E TRIVIZ MPA Assoc Dir of Ext Serv (505–646-3015)  2 W P STEPHENS PhD Asst Dir of Ext Serv (505-646-2646)  1 J V ENZIE PhD Asst Dean of Agriculture PhD Asst Dean of Agriculture Extension Education  1 L A WAGLEY EdD Assoc Prof and Head of Person State College Prof Cond Dir of Agriculture In Microscopies In State Agriculture In Microscopies In State Agriculture In Agroves PhD Asst Prof and Dir of Agriculture In Microscopies In State Agriculture In Agroves PhD Asst Prof and Dir of Agriculture In Agronomy  1 A BALTENSPERGER PhD Prof and Head of Porage Important Agreement In Andrews In State PhD Prof and Head of Porage Important In Amount In Instruction In Instruction In Instruction In Instruction Ins	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Res Prof Plant Path 12R H DANIDS PhD Res Prof Plant Path 12R H DANIDS PhD Res Prof Plant Path 12R H DANIDS PhD Asst Prof Plant Path 12P M HALISKY PhD Asst Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12D A PRICE PhD Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12E H VARNEY PhD Prof Plant Biol  Soils and Crops  123W R BATTLE PhD Res Prof Farm Crops and Head Debt  12 C CLALONE PhD Assoc Res Prof Soils and Crops  12 C CLALONE PhD Assoc Res Prof Farm Crops 12 C CLALONE PhD Assoc Prof Soil Mineral 12R W DUELL PhD Assoc Prof Soil Mineral 12R W DUELL PhD Assoc Res Prof Farm Crops 12R E ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12 C R FUNK Jr PhD Assoc Res Prof Farm Crops 3J L GERWING PhD Assoc Res Prof Farm Crops 3R M HANNA MS Assoc Ext Spec Farm Crops 3R M HANNA MS Assoc Res Prof Soils and Crops	f Dept ath	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12R A CAPPELLINI PhD Prof Plant Path 12R DAINES PhD Res Prof Plant Path 12R DAINES PhD Res Prof Plant Path 12R DAINES PhD Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12DA A LEONE WS Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12L B MENDIOLA MA Asst Res Prof Plant Path 12DA PRICE PhD Assoc Res Prof Plant Path 12DA PRICE PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Res Prof Farm Crops and Head Dept 12DA DAINES PhD Res Prof Soils 4J C ANDERSON PhD Res Prof Farm Crops and Head Dept 12DA DAINES PhD Assoc Prof Soils and Crops 12J C CIALONE PhD Assoc Res Prof Farm Crops 12R B ALDERFER PhD Res Prof Farm Crops 12R B ENGEL PhD Prof Turf Mat 3R L FLANNERY PhD Ext Spec Soils 12C R FUNK Jr PhD Assoc Res Prof Farm Crops 3J L GERWIG PhD Assoc Ext Spec Farm Crops 3R M HANNA MS Assoc Ext Spec Soils 12P H HSU PhD Assoc Res Prof Soils and Crops 12R D ILNICKI PhD Res Prof Farm Crops 12R D ILNICK	7050 d of	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6	### Rension
Plant Biology  12B H DAVIS PhD Res Prof Plant Path and Head of 2EILEEN G BRENNAN MS Asst Res Prof Plant Path 12B A CAPPELLINI PhD Res Prof Plant Path 12B A DAVID Jr PhD Ext Spec Plant Path 12B A DAVID Jr PhD Ext Spec Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Asst Res Prof Plant Path 12D A LEONE MS Assoc Prof Plant Path 12D A DEVIS PhD Assoc Res Prof Plant Path 12D A PRICE PhD Prof Plant Biochem 13J K SPRINGER PhD Asst Ext Spec 2C C STILL PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 25A W STRETCH PhD Asst Res Prof Plant Biochem 12B H VARNEY PhD Prof Plant Biol Soils and Crops 12B R BATTLE PhD Res Prof Farm Crops and Head Dept 12B ASSOC PROF Soils and Crops 12D C CIALONE PhD Assoc Res Prof Soils and Crops 12D C CIALONE PhD Assoc Res Prof Soils and Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 12D C CIALONE PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD Assoc Res Prof Farm Crops 13D C GRENG PhD	7050 d of	College of Agriculture and Home Economics, the cultural Experiment Station, and the Cooperative Ex Service of New Mexico State University, Las Cruces  1 College Staff 2 Station Staff 3 Extension State 4 Leave of Absence 5 Coop USDA 6	### Rension

NEW MEXICO 7090-7230

Agronomy-Continued	Economics (Agr)—Continued
25L H GILE Jr MS Soil Sci Soil Genesis	12W J VASTINE PhD Asst Prof Mktg
2W L GOULD PhD Asst Prof Creosote and Brush Control	3N G WRIGHT MS Instr Livestock and Wool Mkta
25J W HAWLEY PnD Geogrammol	
3G B HOFF MS Asst Prof Field Crops	Engineering (Agr) 7150
26F E HOUGHTON EdM Climatol	12E G HANSON MS Prof and Head of Dept Soil and
3W S JACKSON MS Assoc Prof Cotton Spec	Water
3G J JARVIS MS Asst Prof Resource Devlpmt	12G H ABERNATHY PhD Assoc Prof Farm Power and Mach
3C D LEEDY MS Asst Prof Soils and Rec 12B A MELTON PhD Assoc Prof Alfalfa Brda	12J F ALFARO PhD Asst Prof Soil and Water
12F A QUINONES PhD Assoc Prof Bean Bridg	4R S FREEBURG MS Asst Prof Form Structures
12GLEN STATEN MS Prof Cotton Brdg	3C M HOHN MS Asst Prof Agr Engin
12C E WATSON MS Assoc Prof Forage Mgt	1J B HOUSTON MA Instr Agr Engin
12J W WHITWORTH PhD Assoc Prof Weed Physiol	
12B C WILLIAMS PhD Assoc Prof Soil Fert	Experimental Statistics 7160
12A G WOLLUM II PhD Asst Prof For Soils	12M D FINKNER PhD Prof Biomet
2R L WOOD MS Asst Prof Cotton Brdg	2R M GLAZE BS Instr Proq 12V H GLEDHILL PhD Assoc Prof Expt Statis
Animal, Range, and Wildlife Sciences 7100	12V II GELEDINEE I IID ASSOCITOI EXACTIGITES
12A L NEUMANN PhD Prof and Head of Dept Anim	Extension Administration 7170
Nutr	123P J LEYENDECKER PhD Dir
25R W ALLEN MS ParasitoI	3A E TRIVIZ MPA Assoc Dir
12C A DAVIS PhD Asst Prof Wildlife Mgt	3J !: KERBY Ph ) Asst Dir
12D D DWYER PhD Prof Range Mat	3T D APODACA MS Asst Prof Prog Ldr 4-H and Youth
13C W GAY Jr MS Asst Prof Range Mat	Devlomt 3J K AUSTIN MS - Asst Prof Organ Spec
13K E GILSTER MS - Instr Anim Sci	130 F BACA MS Prof State Supvr (Men)
25C H HERBEL PhD Res Agron Range Mat	3DORMAN BROOKEY MS Assoc Prof Supvr 4-H and
12L A HOLLAND PhD Prof Anim Genet	Youth Devlpmt
12D B JESTER MS Asst Prof Wildlife Sci 3W A LJUNGDAHL MS Prof Livestock Prod	3J W GAUME MS Prof State Supvr (Men)
12W D McFADDEN PhD Assoc Prof Wool Technol	3A I GOMEZ BS Instr Prog Ldr 4-H and Youth Devlomt
12A B NELSON PhD Prof Anim Nutr	3P DHAYBS Instr Ext Mat Inform Spec
2E E PARKER MS Instr Range Mat	3TINY F JONES MS Assoc Prof Prog Ldr 4-H and
12R D PIEPER PhD Asst Prof Range Mat	Youth Devipmt
12B J RANKIN PhD Assoc Prof Livestock Prod	3DOROTHEA RIEMANN MS Assoc Prof State Supvr
12E E RAY PhD Assoc Prof Meat Technol	(Women) 3Mrs HAZEL L ROBERTS MS Assoc Prof State Supvr
12J L RUTTLE PhD Assoc Prof Sheep Physiol	(Women)
3J M SACHSE MS Instr Sheep and Wool	3J J TEJADAMS Prof Training Off
25K S SAMSON BS Parasitol	of the first the first frame of
12G S SMITH PhD Assoc Prof Anim Nutr 12K A VALENTINE MS Assoc Prof Range Mat	Home Economics 7180
25G I WILSON PhD Parasitol	12EVELYN HOLLEN PhD Prof and Head of Dept Nutr
12J E WOOD PhD Prof Wildlife Mgt	3Mrs JOYCE A FOULDS MS Asst Prof Cloth and Text
125 E WOOD [ IID 1 101 WILLIAM INGE	3E LOUISE GARRETT MA Assoc Prof Nutr
Betany and Entomology 7120	1BERNEITA HENDRIX MA Asst Prof Home Econ Educ
2J G WATTS PhD Prof and Head of Dept Gen Ent	3PARTICIA N KNAPP MS Instr Home Mat 1Mrs MARGARET H LEMONE MS Inst Foods Inst Mat
2R H ADAMS MS Instr Ent	1Mrs ELSIE D MATHIEU MS Assoc Prof Cloth and
12J A BOOTH PhD Assoc Prof Plant Path	Text
25C F CHEW MS Plant Path	12ANN R STASCH PhD Assoc Prof Nutr
3J J DURKIN MS Assoc Prof Ent and Chem Coord	1Mrs ELIZABETH WICHERT MA Asst Prof Foods and
12J J ELLINGTON PhD Asst Prof Ent 2H G KINZER PhD Asst Prof Ent	Household Equip
12C R MAIER PhD Assoc Prof Plant Path	
3E L SHANNON MS Asst Prof Plant Path	Horticulture 7190
12G O THRONEBERRY PhD Prof Plant Phys	12F B WIDMOYER PhD Prof and Head of Dept Ornam
2R B TURNER PnD Assoc Prof Ent	3M D BRYANT MS Assoc Prof Hort
	12J N CORGAN PhD Assoc Prof Veg Crops
Dairy 7130	12R M NAKAYAMA PnD Assoc Prof Veg Crops 12D T SULLIVAN PhD Prof Fruit Crops
12D D MILLER PhD Prof and Head of Dept Bact	125 1 BOLLLY IN 1 IOT 1 IOT OF GOOD
3J B ELLS MS Asst Prof Prod and Mat	Information (Agr) 7200
12D W KELLOGG PhD Asst Prof Nutr 12D L ZARTMEN PhD Asst Prof Genet	23J M WHITE MA Prof Agr Ed and Head of Dept
12D L ZARTMEN PRO ASSI PROI Genet	3W H COX BA Asst in Ext Asst Acr Ed
Economics (Agr) 7140	23C D HERRELL Asst Prof Assoc Agr Ed
12G R DAWSON PhD Prof and Head of Dept Farm Mat	23Mrs VIRGINIA JOHANSEN MA Assoc Prof Assoc
12G M BURKE PnD Assoc Prof Mktg	Agr Ed
12W N CAPENER PhD Assoc Prof Mktq	Poultry Husbandry 7210
12G C CARRUTHERS PhD Asst Prof Resource Econ	Poultry Husbandry 7210 12D W FRANCIS PhD Prof and Head of Dept Poultry
12T S CLEVENGER PhD Asst Prof Mktg	Physiol
2C E EASTMAN MS Asst Prof Rural Social 12J R GRAY PnD Prof Range Econ	3H L MATHEWS MS Assoc Prof Prod and Mkta
12C H GREENE PhD Asst Prof Livestock Mktg	12R H ROBERSON PhD Assoc Prof Poultry Nutr
12M L HANSON PhD Assoc Prof Prod Econ	
12D C HENDERSON MS Asst Prof Resource Econ	Miscellaneous 7220
12R R LANSFORD PhD Asst Prof Form Mgt	1C H LINSCHEID MALS Libr
3E J O'NEAL MS Assoc Prof Cotton Mktg	
12F H OSTERHOUDT Plid Asst Prof Resource Econ	Branch Stations 7230
3G O OTT MS Asst Prof Form Mgt	Espanola Valley Br Sta (Alcalde 87511)
3RUTH SNEED AS Assoc Prof Food Mkta Inform 2H R STUCKY PnD Prof Resource Econ	2P M TRUJILLO MS Supt and Asst Prof Agron Field

Crops

### Branch Stations-Continued

Middle Rio Grande Br Sta (Rt 1 Box 28 Los Lunas 87031)

2H D JONES BS Supt and Assoc Prof Agron Crop Mat

2J E ANDERSON MS Asst Prof Agron Grass Mat

25E B HOLLINGSWORTH MS Res Bot

25R G LOHMILLER MS Soil Conserv

25P C QUIMBY Jr PhD Weed Physiol

25L C WINDLE MS Soil Conserv

Northeastern Br Sta (PO Box AA Tucumcari 88401)

2D H WILLIAMS MS Supt and Assoc Prof Field Crops Plains Br Sta (Star Route Clovis 88101)

2R E FINKNER PhD Supt and Prof Agron Brdg and Genet

2D C H HSI PhD Prof Plant Path

San Juan Br Sta (PO Box 1018 Farmington 87401)

2A E STEWART MS Supt and Assoc Prof Soil and Water

2E J GREGORY MS Asst Prof Agron Crop Prod

2J G KARAS PhD Asst Prof Hort

Southeastern Br Sta (Rt 1 Box 121 Artesia 88210)

2C E BARNES MS Asst Prof Agron Crop Mgt

### **NEW YORK**

New York State Colleges of Agriculture, Home Economics, and Veterinary Medicine and the Agricultural Experiment Station of Cornell University, Ithaca 14850

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 7Misc

### 7240

123.I A PERKINS PhD Pres of Univ (607-275-5201)

123D R CORSON PhD Prov of Univ (607-275-2364)

123W K KENNEDY PhD Vice Prov and Prof Agron (607-275-4871)

123F A LONG PhD Vice Pres for Res and Advanced Studies (607-275-5039)

123C E PALM PhD LLD Dean of Col of Agr and Prof Ent (607-275-2241)

123D C KNAPP PhD Dean of Col of Home Econ and Prof Admin (607-275-2138)

123G C POPPENSIEK VMC MS Dean of Vet Col and Prof Vet Microbiol (607-275-3201)

12N C BRADY PhD Dir of Res and Dir of Sta Prof Soil Sci (607-275-5429)

124J F METZ PhD Asst Dir of Res and Asst Dir of Sta Prof Mktg (607-275-5420)

12Mrs ETHEL L VATTER PhD Asst Dir of Sta and Asst Coord of Res Home Econ Assoc Prof Household Econ and Mgt (607-275-4519)

12M L TAYLOR PhD Asst Dir of Res and Prof Rural Sociol (607-275-5420)

1H L EVERETT PhD Dir of Resident Instr and Prof Plant Brdg (607-275-3083)

1.J P HERTEL PhD Assoc Dir Resident Instr Prof Pers Admin and Co! Secy (Agr) (607-205-2258)

13E H SMITH PhD Dir of Coop Ext and Prof Ent (607-205-2117)

13A E DURFEE PhD Assoc Dir and Prof Coop Ext (607-205-2116)

13C R HARRINGTON MA Assoc Dir and Prof Coop Ext (607-275-2092)

13LUCINDA A NOBLE MS Assoc Dir and Coord Coop Ext Home Econ Assoc Prof Coop Ext (607-275-3182)

IJEAN FAILING PhD Coord of Resident Instrand Chmn of Counseling Serv Home Econ Prof Home

Econ (607-275-4549) 1K L TURK PhD Dir of Internatl Agr Devlpmt and Prof

Anim Sci (607-275-2283) 12R S MORISON MD Dir of Div of Biol Sci and Prof Biol (607-275-5042)

123A H PETERSON MA Controller of Univ and Prof Bus Admin (607-275-5422)

123S M COMBER Asst Controller and Dir of Finance (607-275-2039)

Agriculture

AGRONOMY

1235M G CLINE PhD DSc Prof Soil Sci and Head of Dept

124MARTIN ALEXANDER PhD Prof Soil Microbiol

125W H ALLAWAY PhD Prof Soil Chem

12R W ARNOLD PhD Assoc Prof Soil Genesis and Classif 2ALEXANDER BARANOWSKI DSc Res Assoc Aquatic Studies

7250

2T W BATEMAN BS Res Assoc Sugarbeets

124D R BOULDIN PhD Assoc Prof Soil Fert

2A T BULL PhD Res Assoc Soil Microbiol 23R F BURT MS Ext Assoc Field Crops

2R C CLAYTON BS Res Assoc Anal Chem

23W F CRONEY MS Ext Assoc Soil Conserv 12J E DAWSON PhD Prof Soil Chem

12B E DETHIER PhD Prof Agr Climatol

12MATTHEW DROSDOFF PhD Prof Tropical Soils

123W B DUKE PhD Asst Prof Weed Control

2J M DUXBURY PhD Res Assoc Soil Chem 1234REESHON FEUER PhD Prof Agron Ext

125G R FREE MS Assoc Prof Soil Mat

12D D FRITTON PhD Asst Prof Soil Phys

2H T GREWELING MS Dir of Labs

125D L GRUNES PhD Assoc Prof Soil Chem

125J F HODGSON PhD Assoc Prof Soil Chem

12D H HUBBELL PhD Asst Prof Soil Microbiol 123H A KERR MSA Prof Soil Conserv

13R E KRENZIN PhD Assoc Prof Field Crops Ext

125JOE KUBOTA PhD Assoc Prof Soil Classif

12D J LATHWELL PhD Prof Soil Fert

125E R LEMON PhD Prof Soil Phys and Agr Met

125D L LINSCOTT PhD Assoc Prof Weed Control

123R F LUCEY PhD Assoc Prof Field Crops 12H A MacDONALD PhD Prof Field Crops

12R D MILLER PhD Prof Soil Phys and Dean Univ Faculty

123H F MULLIGAN PhD Asst Prof Aquatic Studies 12R B MUSGRAVE PhD Prof Crop Ecol

12R L OBENDORF PhD Asst Prof Crop Physiol

123G W OLSON PhD Asst Prof Soil Surv Interpretation

26A B PACK PhD Asst Prof Met

12MICHAEL PEECH PhD Prof Soil Chem 123W S REID PhD Asst Prof Soil Fert Ext

2E K F SCHUSTER DSc Res Assoc Soil Microbiol

123T W SCOTT PhD Assoc Prof Sugarbeets

123R R SEANEY PhD Assoc Prof Forage Crop Ext 2I K SMITH PhD Res Assoc Soil Phys

2F P STEINHARDT MS Res Ass∞ Soil Conserv

12E L STONE Jr PhD Prof For Soils

3F N SWADER PhD Asst Prof Agron Ext

12M J WRIGHT PhD Prof Field Crops

12P J ZWERMAN PhD Prof Soil Conserv

### ANIMAL SCIENCE

123J K LOOSLI PhD Prof Anim Nutr and Head of Dept 3H R AINSLIE PhD Assoc Prof Dairy Cattle

3RAYMOND ALBRECTSEN MS Prof Dairy Cattle

23W F BRANNON PhD Assoc Prof Sheep

12R W BRATTON PhD Assoc Prof Physiol Reprod

3.J D BURKE MS Prof Dairy Cattle

23H W CARTER PhD Prof Dairy Cattle 23C E COPPOCK PhD Asst Prof Dairy Cattle

12J M ELLIOT PhD Assoc Prof Dairy Cattle 12R H FOOTE PhD Prof Physiol Reprod

12WILLIAM HANSEL PhD Prof Physiol Reprod

23D A HARTMAN PhD Assoc Prof Dairy Cattle

12C R HENDERSON PhD Prof Anim Genet

12H F HINTZ PhD Asst Prof Horses 12D E HOGUE PhD Assc Prof Sheep

3M D LACY MS Prof Beef Cattle

12R E McDOWELL PhD Prof Environ Physiol

23A M MEEK PhD Assoc Prof Anim Genet

12W G MERRILL PhD Assoc Prof Dairy Nutr

12J I MILLER PhD Prof Beef Cattle

12P D MILLER PhD Asst Prof Anim Genet

Agriculture—Continued

23R P NATZKE PhD Asst Prof Dairy Cattle
23E A PIERCE PhD Assoc Prof Beef Cattle and Swine

12W G POND PhD Assoc Prof Swine

12J T REID PhD Prof Anim Nutr

23S W SABIN PhD Asst Prof Horses and Cattle

12G H SCHMIDT PhD Assoc Prof Dairy Cattle

23S T SLACK PhD Prof Dairy Cattle
12S E SMITH PhD Prof Anim Nutr

23R W SPALDING PhD Prof Dairy Cattle
12J R STOUFFER PhD Ass∞ Prof Meats

25H F TRAVIS PhD Assoc Prof Mink

12G W TRIMBERGER PhD Prof Dairy Cattle

12H F TYRRELL PhD Asst Prof Dairy Nutr 12P J VAN SOEST PhD Assoc Prof Anim Nutr 12L D VAN VLECK PhD Assoc Prof Genet

12W J VISEK PhD Prof Nutr and Compar Metabolism

12R G WARNER PhD Prof Anim Nutr 12G H WELLINGTON PhD Prof Meats

COMMUNICATION ARTS (AGR AND HOME ECON) 123W B WARD MS Prof Ed and Chief of Pubs Head of Dent

3R J AMES MS Ass∞ Prof Commun

13R A AVERSON MS Asst Prof Educ TV Home Econ

3KATHERINE E BARNES BS Ext Aide Press 12R F G CAMPBELL PhD Asst Prof Oral Commun

3T R CASO BA Ext Aide TV

3KATHERINE B CLAREY BS Ext Aide TV-Radio

12R D COLLE PhD Asst Prof Commun 1R H CRAWFORD PhD Asst Prof Commun

123J K ESTES BFA Graphic Designer

3Mrs ELEANOR S FOSTER BS Ext Inform Spec Home Econ

12C H FREEMAN MS Prof Oral Commun 1L W KAISER BFA Assoc Prof TV and Radio

3Y H KIM MA Ext Spec Press

3J E LAWRENCE MS Ass∞c Prof TV-Radio

1R D MARTIN MS Assoc Prof Oral Commun 123J A MASON BFA Asst Pubs Prod Mar Home Econ

3G N MENGERS BA Ext Assoc Agr Pubs 123C C RUSSELL PhD Assoc Prof Commun

3Mrs PATRICIA M SHORT BS Asst Ed Home Econ

123V R STEPHEN MA Assoc Prof Visual Commun

2F B WARNER Jr BS Res Assoc

13D O WATKINS Jr BA Educ TV Artist Home Econ

3M W WHITTIER MJ Ext Assoc Home Econ

### CONSERVATION

12D A WEBSTER PhD Prof Fishery Biol and Head of

13W T BELL Jr BS Ext Spec Conserv

13H B BRUMSTED PhD Assoc Prof Conserv

13ALEX DICKSON MS Asst Prof For

123W R EADIE PhD Prof Zool

1236A W EIPPER PhD Assoc Prof Fishery Biol (Coop HSDI)

1W A FLICK BS Res Assoc Fishery Biol

12J L FORNEY PhD Asst Prof Fishery Biol

123L S HAMILTON PhD Prof For

1230 H HEWITT PhD Prof Wildlife Mat

12R J McNEIL PhD Asst Prof Conserv

12A N MOEN PhD Asst Prof Wildlife Ecol

12R R MORROW Jr PhD Assoc Prof For

12R T OGLESBY PhD Asst Prof Aquatic Biol

1A M PHILLIPS Jr PhD Assoc Prof Fishery Biol 1C L SCHOFIELD MS Res Assoc Aquatic Biol

126D Q THOMPSON PhD Assoc Prof Wildlife Mat (Coop

USDI)

123B T WILKINS PhD Asst Prof Conserv
13F E WINCH Jr MF Prof For
1W D YOUNGS MS Res Assoc Fishery Biol

# COOPERATIVE EXTENSION ADMINISTRATION (AGR AND HOME ECON)

3F D ALEXANDER PhD Prof Coop Ext

3CAROLYN O BOEGLY MS Asst Prof Coop Ext and Ext Ldr Home Econ

3G J BROADWELL MEd Senior Ext Assoc and Ext Ldr 4-H

### Agriculture-Continued

3W D BROWN MS Asst Prof Coop Ext and Ext Ldr Agr 3H E CARLEY MS Senior Ext Assoc and Ext Ldr 4-H

3R W CRAMER BS Senior Ext Assoc and Ext Ldr Aar Pers

3Mrs NATALIE D CROWE MS Asst Prof Coop Ext and Ext Ldr Home Econ

3C F DVORAK Jr MS Senior Ext Assoc and Ext Prog Ldr 4-H

3M F. HISLOP MS Assoc Prof Coop Ext and Ext Rep

3R C HODNETT MS - Senior Ext Associand Ext Ldr Aar 3D L JEWETT MS Assoc Prof Coop Ext and Ext Rep

Mrs MARIAN M KIRA MS Ext Assoc Home Econ

3H W MATOTT MS Assoc Prof Coop Ext and Ext Ldr Aar 3Mrs LOIS F McGURK MS Asst Prof Coop Ext and Ext Prog Ldr 4-H

3RHODA MEKEEL MA Asst Prof Coop Ext and Ext Rep 3LUCINDA A NOBLE MS Asst Prof Coop Ext and Acta Asst Dir Ext Home Econ

3W F PEASE BS Prof Coop Ext and Asst Dir 4-H 3J C PRESTON EdD Senior Ext Ass∞ and Ext Proa

Ldr Agr

3L L RHONEMUS MS Senior Ext Assoc and Ext Ldr 4-H 3ETHEL W SAMSON MA Assoc Prof Coop Ext and Ext Ldr Home Econ Pers

3J S SPERO MS Senior Ext Ass∞ and Ext Ldr 4-H 3PHYLLIS E STOUT MS Assoc Prof Coop Ext and Ext

Ldr 4-H 3J C SWAN MS Prof Coop Ext and Asst Dir Agr

3H B SWEET BS Assoc Prof Coop Ext and Ext Rep

3JANET A WALKER BS Ext Assoc and Ext Ldr Home Econ

3MARY B WOOD MSEd Assoc Prof Coop Ext and Ext Ldr Home Econ

3Mrs BETTIF L YERKA MS Ass∞ Prof Coop Ext and Ext Ldr Home Econ

3GEORGE ZONITCH MS Senior Ext Assoc and Ext Ldr Aar

## ECONOMICS (AGR)

123B F STANTON PhD Prof Farm Mgt and Chmn of Dept

123D J ALLEE PhD Assoc Prof Resource Econ

123R D APLIN PhD Assoc Prof Mktq

128 L BARRACLOUGH PhD Prof Acr Econ
28HAUL BEN-LAVID PhD Visiting Asst Prof Acr Econ

2R J BENEDICT BS Res Assoc

123C A BRATTON PhD Prof Farm Mat 123E H BROWN PhD Assoc Prof Bus Mgt
123M E BRUNK PhD Prof Mktq

123J B BUGLIARI LLB Assoc Prof Agr and Bus Law

123D L CALL PhD Assoc Prof Food Econ

123G L CASLER PhD Asst Prof Farm Mat 123H E CONKLIN PhD Prof Land Econ

123G J CONNEMAN Jr PhD Assoc Prof Agr Econ

123L C CUNNINGHAM PhD Prof Farm Mat

4L B DARRAH PhD Prof Mktg

2R F DAY BS Res Assoc

123B A DOMINICK Jr PhD Prof Mktg

3R B DYMSZA MRP. Ext Assoc

123W G EARLE PhD Prof Mktq 1230 D FORKER PhD Assoc Prof Mktg

12D K FREEBAIRN PhD Assoc Prof Agr Econ

2Mrs CONSTANCE V FURLONG BA Res Assoc

3G A GERMAN MS Food Distrib Spec

12D C GOODRICH Jr PhD Assoc Prof Mkta

123G W HEDLUND PhD Prof Bus Mat 123R B HOW PhD Prof Mktg

2C S HUNT Jr MS Res Assoc

123R J KALTER PhD Asst Prof Resource Econ

123C D KEARL PhD Prof Farm Mat 2R E LINTON MS Res Assoc

3C W LOOMIS PhD Prof Farm Mgt

3A C LOWRY MS Ext Assoc 4E A LUTZ PhD Prof Public Admin

3A R MARION BS Ext Spec

12J W MELLOR PhD Prof Agr Econ

123D I PADBERG PhD Assoc Prof Mktg 12T T POLEMAN Jr PhD Assoc Prof Agr Econ

2I V B RICE BS Res Assoc

123K L ROBINSON PhD Prof Agr Econ

7250 **NEW YORK** 

### Agriculture—Continued

123D G SISLER PhD Assoc Prof Agr Geog 123R S SMITH PhD Prof Farm Finance 2D P SNYDER MS Res Assoc 123R P STORY PhD Prof Mktq

4W G TOMEK PhD Assoc Prof Prices 123R J VOGEL PhD Asst Prof Public Admin 123S W WARREN PhD Prof Form Mgt

2P W H WEIGHTMAN PhD Res Assoc

### EDUCATION

1H G ANDRUS PhD Prof Guidance and Pers Admin 1J P BAIL PhD Prof and Instr Mater Spec Aar Educ

1A L BERKEY PhD Asst Prof Agr Educ 1R L BRUCE PhD Assoc Prof Ext Educ

14H R CUSHMAN PhD Prof Agr Educ

IW E DRAKE PhD Assoc Prof Agr Educ

1Mrs JOAN R EGNER EdD Asst Prof Educ Admin 1R H ENNIS PhD Prof Philos of Educ

1R B FISCHER PhD Prof Nature and Sci Educ

1H A GEISELMANN PhD Assoc Prof Math Educ

1M D GLOCK PhD Prof Educ Psychol

14D B GOWIN PhD Assoc Prof Educ Fdn

1E J HALLER PhD Asst Prof Educ Admin

1D E HEDLUND PhD Asst Prof Occup Psychol and Guidance

1L B HIXON EdD Prof Educ

1J P LEAGANS PhD Prof Ext Educ 1G W McCONKIE PhD Asst Prof Psychol and Educ Psychol

1BETTY J McKNIGHT PhD Lect in Educ

1JASON MILLMAN PhD Assoc Prof Educ Res Methods 1K J MOLCHEN EdD Asst Prof Sci Educ

1A G NELSON PhD Prof Counseling Psychol

1J D NOVAK PhD Prof Sci Educ

1W J PAUK PhD Prof Educ

1ISABEL J PEARD PhD Prof Educ

1R E RIPPLE PhD Assoc Prof Educ Psychol

1V N ROCKCASTLE PhD Prof Nature and Sci Educ 1F H STUTZ PhD Prof Hist of Educ

14F K T TOM PhD Prof Agr Educ

1HELEN L WARDEBERG PhD Prof Elem Educ and

Supvr 1L L WICKS MS Fxt Assoc Instr Mater Spec in Aar Educ 1AKIHIRO YOSHIDA PhD Res Assoc Educ

### ENGINEERING (AGR)

1230 C FRENCH MS Prof and Head of Dept

2A C ANTHONISEN MS Res Assoc Agr Waste Treatment

12R D BLACK PhD Assoc Prof Soil and Water

3J K CAMPBELL MS Asst Prof Power and Mach

12J R COOKE PhD Asst Prof Environ Syst

3H R DAVIS MS Assoc Prof Poultry Structures

3E O EATON PhD Assoc Prof 4-H 4E W FOSS MS Prof Safety and RRD

12R B FURRY PhD Assoc Prof Structures

23R W GUEST MS Ass∞ Prof Mater Handling Equip

12W W GUNKEL PhD Prof Power and Mach

3W W IRISH MS Assoc Prof Dairy Structures
23J W LAYER MS Assoc Prof Storage Structures

12F G LECHNER DEd Assoc Prof Agr Mech 4GILBERT LEVINE PhD Prof Soil and Water Engin

12R C LOEHR PhD Prof Agr Waste Treatment

12H A LONGHOUSE MS Lect Engin Graphics and Mach

4R T LORENZEN MS Assoc Prof Structures

12D C LUDINGTON PhD Assoc Prof Aar Waste Treatment

23E D MARKWARDT MS Prof and Ext Ldr

12W F MILLIER PhD Prof Power and Mach 2J G POLLOCK BS Res Assoc Power and Mach

123D R PRICE MS Asst Prof Flec

12G E REHKUGLER PhD Assoc Prof Power and Mach

 $2 \mbox{K E RYAN MS} \ \ \mbox{Res Assoc Power and Mach}$ 

12N R SCOTT PhD Assoc Prof Structures and Environ Syst

12E S SHEPARDSON MS Prof and Coord Res

2A T SOBEL MS Res Assoc Aar Waste Treatment

123J W SPENCER PhD Prof Rural Highways

2J S TOWNSEND MS Res Assoc Mater Handling

### Agriculture-Continued

23C N TURNER MS Prof Elec and Structures

23C S WINKELBLECH MS Prof Soil and Water and Mach

### ENTOMOLOGY

123DAVID PIMENTEL PhD Prof Ins Ecol and Head of Dept

12C O BERG PhD Prof Limnol

123J L BRANN Jr PhD Prof Econ Ent

12W L BROWN Jr PhD Prof Taxon

123J E DEWEY PhD Prof Econ Ent

12G C EICKWORT PhD Asst Prof Morphol

12P P FEENY PhD Asst Prof Ecol

12J G FRANCLEMONT PhD Prof Taxon

12G G GYRISCO PhD Prof Econ Ent 123N E JOHNSON PhD Assoc Prof Ecol

13W T JOHNSON PhD Assoc Prof Econ Ent and Plant Path

12J P KRAMER PhD Assoc Prof Ins Path

12D J LISK PhD Prof Pesticide Chem

123J G MATTHYSSE PhD Prof Econ Ent

123R A MORSE PhD Assoc Prof Apic 123A A MUKA PhD Prof Econ Ent

12R L PATTON PhD Prof Ins Physiol

123L L PECHUMAN PhD Assoc Prof Ent and Curator of Ins

1234E M RAFFENSPERGER PhD Assoc Prof Econ Ent

123W A RAWLINS PhD Prof Econ Ent

12R B ROOT PhD Asst Prof Ins Ecol 123MAURIE SEMEL PhD Assoc Prof Econ Ent (PO

Riverhead)

123M J TAUBER PhD Asst Prof Ecol
1234B V TRAVIS PhD Prof Med Ent and Parasitol

12C F WILKINSON PhD Asst Prof Ins Toxicol

124R G YOUNG PhD Assoc Prof Ins Biochem

FLORICULTURE AND ORNAMENTAL HORTICULTURE

123J G SEELEY PhD Prof Flor and Head of Dept

23ARTHUR BING PhD Prof Flor (PO Farmingdale) 123J W BOODLEY PhD Prof Flor

1J D CARPENTER MLA Asst Prof Landsc Arch

123J F CORNMAN PhD Prof Ornam Hort 1R L DWELLE BLA Lect Landsc Arch

1Mrs ANN M ELLIOT BFA Lect Freehand Drawing

3C C FISCHER MS Assoc Prof Flor 13R T FOX PhD Assoc Prof Flor

3C F GORTZIG MS Asst Prof Flor 1R J LAMBERT MS Assoc Prof Freehand Drawing

123R W LANGHANS PhD Prof Flor

1R M LEWIS PhD Dir Cornell Plantations

3A S LIEBERMAN MS Assoc Prof Flor

1234R G MOWER PhD Assoc Prof Ornam Hort

1R J SCANNELL MLA Assoc Prof Landsc Arch 34E F SCHAUFLER MS Assoc Prof Flor

12P L STEPONKUS PhD Asst Prof Ornam Hort

123H B TUKEY Jr PhD Assoc Prof Ornam Hort

# FOOD SCIENCE

123R F HOLLAND PhD Prof and Head of Dept

123D K BANDLER BS Ext Spec

123R O BROWN Ext Aide

12P A BUCK PhD Assoc Prof Food Biochem

123N C DONDERO PhD Prof Applied Microbiol 123W K JORDAN PhD Prof Food Engin

12J E KINSELLA PhD Asst Prof Lipid Chem

12F V KOSIKOWSKI PhD Prof Food Fermentations

123R I LACHMAN MS Tech Serv Engin

123R A LEDFORD PhD Asst Prof Protein Chem 123R P MARCH MS Prof Dairy Ext

123N N POTTER PhD Assoc Prof Food Sci

12J W SHERBON PhD Asst Prof Food Chem

12W F SHIPE Jr PhD Prof Flavor Chem.

123J C WHITE PhD Prof Food Microbiol

### LIBERTY HYDE BAILEY HORTORIUM

12H E MOORE Jr PhD Prof Bot and Dir

12D M BATES PhD Asst Prof Bot

12W J DRESS PhD Prof Bot

3P A HYYPIO PhD Ext Assoc Bot 12J W INGRAM Jr PhD Assoc Prof Bot

7250-7255

NEW YORK

### Agriculture—Continued

2Mrs NATALIE W UHL PhD Res Assoc Bot

PLANT BREEDING AND BIOMETRY

12R L PLAISTED PhD Prof Potatoes and Head of Dept 12R E ANDERSON PhD Assoc Prof Suaarbeets 12L V CROWDER PhD Assoc Prof Forage Crops and Internatl Aar

125T E DEVINE PhD Asst Prof Forage Crops

12W T FEDERER PhD Prof Biomet 12C O GROGAN PhD Prof Corn

12N F JENSEN PhD Prof Small Grains

12C C LOWE PhD Prof Forage Crops

12H M MUNGER PhD Prof Vea Crops

12R P MURPHY PhD Prof Forage Crops

123W D PARDEE PhD Assoc Prof Ext

12D S ROBSON PhD Prof Biomet

123J N RUTGER PhD Asst Prof Beans and Ext 12S R SEARLE PhD Assoc Prof Biomet

12D L SOLOMON PhD Asst Prof Biomet
12N S URQUHAPT PhD Asst Prof Biomet

12D H WALLACE PhD Assoc Prof Veg Crops

PLANT PATHOLOGY

123G C KENT PhD Prof and Head of Dept

12D F BATEMAN PhD Assoc Prof Pathogen and Dis Physiol

12C W BOOTHROYD PhD Prof and Assoc Head Corn Dis

23R C CETAS PhD Assoc Prof Veq Dis (PO Riverhead)

12R S DICKEY PhD Assoc Prof Phytobact

123A W DIMOCK PhD Prof Ornam Dis and Epidem 23M B HARRISON PhD Assoc Prof Nematol (PO Farmingdale)

23R K HORST PhD Asst Prof Ornam Dis

34W T JOHNSON PhD Assoc Prof Tree Pests 4-H

23E D JONES PhD Assoc Prof Potato Dis 123R P KORF PhD Prof Mycol

23.1 W LORBEER PhD Assoc Prof Veg Dis

123W F MAi PhD Prof Nematol

12R L MILLAR PhD Assoc Prof Path Physiol and Forage Dis

23K G PARKER PhD Prof Fruit Dis

2L C PETERSON PhD Prof Potato Dis

25W F ROCHOW PhD Prof Virol

12A F ROSS PhD Prof Virol

234C : SCHULTZ PhD AssocProf Field Crop Dis

234A F SHERF PhD Prof Veg Dis

123W A SINCLAIR PhD Assoc Prof Tree Dis 12H D THURSTON PhD Prof Internatl Agr

23R E WILKINSON PhD Assoc Prof Veq Dis 23C E WILLIAMSON PhD Assoc Prof Ornam Dis (PO Farminadale)

### POMOLOGY.

123M B HOFFMAN PhD Prof Prod and Head of Dept 23G D BLANPIED PhD Assoc Prof Storage

2L L CREASY PhD Asst Prof Flavenoids

12L J EDGERTON PhD Prof Prod

23G H OBERLY PhD Ass∞ Prof Nutr

12L E POWELL Jr PhD Assoc Prof Tree Physiol

12R M SMOCK PhD Prof Storage

13J P TOMKINS PhD Assoc Prof Small Fruits

# POULTRY SCIENCE

12R J YOUNG PhD Prof Anim Nutr and Head of Dept

12R C BAKER Ph') Prof Food Sci

12ANDRE BENSADOUN PhD Assoc Prof Avian Physiol

12S E BLOOM PhD Asst Prof Cytogenet

12J H BRUCKNER PhD Prof Poultry

12R K COLE PhD Prof Anim Genet

2% FIDEAN PhD | Jenior Res Assoc Anim Nutr (PO Eastport)

30 F JOHNDREW Jr MS Assoc Prof Poultry

12M C NESHEIM PhD Assoc Prof Anim Nutr 3C E OSTRANDER MS Assoc Prof Poultry

3E A SCHANO MS Assoc Prof Poultry
12M L SCOTT PhD Prof Anim Nutr

3G H THACKER MS Assoc Prof Poultry

12ARI vanTIENHOVEN PhD Assoc Prof Avian Physiol

Agriculture-Continued

SOCIOLOGY (RURAL)

123H R CAPENER PhD Prof and Head of Dept Community and Regional Devlpmt

1F R ALEXANDER PhD Prof Eval Res

15W W BAUDER PhD Prof Occup Res

2PIERRE CLAVEL PhD Res Assoc Planning and Regional Devlpmt

13C J CUMMINGS PhD Prof Rural Devlpmt

12P R EBERTS PhD Asst Prof Political Sociol

123E C ERICKSON PhD Ass∞ Prof Community Devlpmt and Social Change

1A G FELDT PhD Assoc Prof Ecol and Urban Planning

5J R FINLFY MA Res Assoc Inter-Organ Relat

12W H FRIEDLAND PhD Assoc Prof Complex Organ and Social Change

1H A LANDSBERGER PhD Prof Peasant Movements

120 F LARSON PhD Prof Rural Social Syst and Public Policy

12R A POLSON PhD Prof Community Devlpmt and Social Change

3L S RAYMOND Jr MS Ext Assoc Regional Devlpmt

124W W REEDER PhD Prof Decision making Planning Social Change

34BERNICE M SCOTT MA Assoc Prof Youth Recreation 124A D STEEVES PhD Asst Prof Technol and Occup

Change 12J D STOCKDALE PhD Asst Prof Leadership and

Social of Agr 12PHILIP TAIETZ PhD Prof Geron and Sociol of Occup

1W F WHYTE PhD Prof Human Relat and Organ Behavior

1R M WILLIAMS Jr PhD Prof Amer Society Social Oraan and Change

124F W YOUNG PhD Assoc Prof Compar Societal Anal 2Mrs RUTH C YOUNG PhD Res Assoc Compar Societal Anal

## VEGETABLE CROPS

123E B OYE'R PhD Prof Plant Physiol and Head of Dept 2S L DALLYN PhD Prof Variety Eval and Nutr (PO

Riverhead) 2E E EWING PhD Ass∞ Prof Plant Physiol Potatoes

12J D HARTMAN PhD Prof Post Harvest Physiol

23F M ISENBERG PhD Prof Post Harvest Physiol

2TURO KATO DSc Res Assoc Plant Physiol
12W C KELLY PhD Prof Veg Nutr

123P A MINGES PhD Prof Variety Eval and Ext

23P L MINOTTI PhD Asst Prof Lettuce Brdg and Muck

Crop Nutr 124H M MUNGER PhD Prof Veg Crops and Plant Brdg

2J L OZBUN PhD Asst Prof Plant Physiol 20 H PEARSON PhD Senior Res Assoc Veg Crops and Plant Brda

2SIDKI SADIK PhD Res Assoc Plant Physiol and Morphol

23R F SANDSTED PhD Assoc Prof Legume Crops 2P A SCHIPPERS DSc Senior Res Assoc Post Horvest

Physiol (PO Riverhead) 12RAYMOND SHELDRAKE Jr PhD Assoc Prof Plastics

and Plant Growing

3J B SIECZKA BS Ext Spec Potatoes 12R D SWEET PhD Prof Weed Control

2IMRE TAMAS PhD Res Assoc Plant Physiol

123L D TOPOLESKI PhD Assoc Prof 4-H Ext

2D H WALLACE PhD Assoc Prof Veg Crops and Plant Brda

**Biological Sciences** 

BIOCHEMISTRY AND MOLECULAR BIOLOGY 12EFRAIM RACKER MD Prof and Chmn of Sect Energy Metabolism

12J M CALVO PhD Asst Prof Biochem Control Mechanisms

12LOUISE J DANIEL PhD Prof Biochem Functions of Vitamins

124R W HOLLEY PhD Prof Biochem Nucleic Acids 12ELIZABETH B KELLER PhD Asst Prof Biosynthetic Proteins

7255

### Biological Sciences—Continued

- 12R E McCARTHY PhD Asst Prof Electron Transport Phosphorylation
- 12A L NEAL PhD Assoc Prof Metabolism Plant Path Organisms
- 12W L NELSON PhD Prof Cellular Growth and Function 12H WILLIALS PhD Protein Biosynthesis

### ECOLOGY AND SYSTEMATICS

- 12T J CADE PhD Prof Zool and Acta Chmn of Sect
- 14W N McFARLAND PhD Assoc Prof and Chmn of Sect
- 12J P BARLOW PhD Assoc Prof Oceanography
- 12D J HALL PhD Senior Res Ass∞ Limnol
- 12E C RANEY PhD Prof Zool and Fishery Biol
- 12L D UHLER PhD Prof Biol

### GENETICS, DEVELOPMENT AND PHYSIOLOGY

- 12H T STINSON Jr PhD Prof Genet and Chmn of Sect
- 12H P BANKS PhD Prof Bot
- 12R K CLAYTON PhD Prof Plant Physiol and Phys
- 12G R FINK PhD Asst Prof Genet
- 12A T JAGENDORF PhD Prof Plant Physiol
- 12J M KINGSBURY PhD Assoc Prof Bot
- 12R J MACINTYRE PhD Asst Prof Genet
- 124R L RUSSELL PhD Asst Prof Genet
- 12R M SPANSWICK PhD Asst Prof Plant Physiol
- 12J L STONE MS Instr Bot
- 12C H UHL PhD Assoc Prof Bot
- 12BRUCE WALLACE PhD Prof Genet

# LABORATORY OF CELL PHYSIOLOGY, GROWTH,

AND DEVELOPMENT

12F C STEWARD PhD DSc FRS Alexander Prof of Biol Sci and Dir of Lah

### MICROBIOLOGY

- 12JANE GIBSON PhD Asst Prof Microbiol and Acta Chmn of Sect
- 12E A DELWICHE PhD Prof Microbiol
- 12R E MacDONALD PhD Assoc Prof Bact
- 12H B NAYLOR PhD Prof Microbiol 12H W SEELEY Jr PhD Prof Microbiol
- 12L I SLOBIN PhD Asst Prof Immunochem
- 12P J VAN DEMARK PhD Prof Microbiol 12S A ZAHLER PhD Assoc Prof Microbiol

## NEUROBIOLOGY AND BEHAVIOR

- 12R D O'BRIEN PhD Prof Neurobiol and Chmn of Sect
- 12H W AMBROSE PhD Asst Prof Biol
- 12J M CAMHI PhD Asst Prof Biol
- 12THOMAS EISNER PhD Prof Biol 12W T KEETON PhD Assoc Prof Biol

### WEIGAND HERBARIUM

12R T CLAUSEN PhD Prof Bot

### Home Economics

7260

- CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS 123E C DEVEREUX Jr PhD Prof Social of Fam and Chmn of Dept
  - 3Mrs HELEN M BAYER PhD Prof Psychol of Childhood and Adolescence
- 1W L BRITTAIN EdD Prof Psychol of Creativity 124URIE BRONFENBRENNER PhD Prof Personality Devlpmt and Cult
  - 2Mrs FRANCESCA CANCIAN PhD Asst Prof Ethnol of Fam
- 12J C CONDRY PhD Asst Prof Social Psychol of Children's Groups
- 12R H DALTON PhD Prof Personality Dynamics
- 12J L DORIS PhD Assoc Prof Child Clin Psychol
- 12HAROLD FELDMAN PhD Prof Farm Sociol
- 12H P GINSBURG PhD Asst Prof Psychol of Cognition Devlpmt of Children
- 12J S HARDING PhD Prof Child Guidance and Educ 12Mrs LAUREL HODGDEN PhD Assoc Prof Nursery and Preschool Educ
- 3F A KUNZ EdD Asst Prof Psychol of Childhood and Adolescence

### Home Economics-Continued

- 12LEE C LEE PhD Asst Prof Social and Personality Devlomt
- 12ANNE McINTYRE PhD Asst Prof Social and Clin Psychol
- 12Mrs MARGARET PARKMAN-RAY PhD Asst Prof Social Psychol of Role Behavior in Fam
- 1MARION POTTS PhD Asst Prof Nursery and Preschool Educ
- 12H N RICCIUTI PhD Prof Psychol of Infancy and Childhood
- IVIRGINIA K SHIVELY EdM Instr Nursery and Preschool Educ
- 12GEORGE SUCI PhD Assoc Prof Psycholinquistics

### FOOD AND NUTRITION

- 123E ELIZABETH HESTER PhD Prof and Chmn of Dept 12GERTRUDE D ARMBRUSTER PhD Assoc Prof Food Sci
- 12Mrs MARJORIE M DEVINE PhD Asst Prof Nutr
- 12ELIZABETH A DONALD PhD Ass∞ Prof Nutr 3E IRENE DOWNEY MS Assoc Prof Food and Nutr
- 3MILDRED S DUNN MA Assoc Prof Food and Nutr
- 1Mrs HELEN H GIFFT MS Assoc Prof Food and Nutr
- 34Mrs RUTH N KLIPPSTEIN MS Assoc Prof Food and Nutr
- 12NELL I MONDY PhD Assoc Prof Food Sci
- 12MARY A MORRISON PhD Prof Nutr
- 14KATHERINE J NEWMAN PhD Assoc Prof Nutr
- 12M J PICHEL PhD Asst Prof Food Sci
- 124JERRY M RIVERS PhD Assoc Prof Nutr 12T J SCHOCH PhD Prof Food Sci
- 12Mrs JEAN SNOOK PhD Asst Prof Nutr
- 1Mrs HELEN B STONE MS Instr Food and Nutr
- 3Mrs MARJORIE B WASHBON MS Prof Food and Nutr
- 12CHARLOTTE M YOUNG PhD Prof Nutr

### HOME ECONOMICS EDUCATION

- 12SARA E BLACKWELL PhD Prof Educ Eval and Head of Dept
- 12JEAN O COOPER PhD Asst Prof Home Econ Educ and Second Educ
- 12IRENE I IMBLER PhD Asst Prof Adult Educ
- 12MARION MINOT PhD Asst Prof Curriculum and Second Educ
- 12Mrs HELEN Y NELSON PhD Assoc Prof Educ Eval and Supervision
- 12KATHLEEN RHODES PhD Ass∞ Prof Curriculum and Higher Educ

### HOUSEHOLD ECONOMICS AND MANAGEMENT

- 123MABEL A ROLLINS PhD Prof and Head of Dept
  - 3H B BIESDORF PhD Asst Prof Econ 12GWEN J BYMERS PhD Prof Econ
  - 1ALICE J DAVEY MS Assoc Prof Household Mat
  - 12Mrs MIRIAM T DOLSON PhD Asst Prof Mqt
- 12MARY E PURCHASE PhD Assoc Prof Mgt 1Mrs JEAN ROBINSON PhD Instr Econ
- 12ROSE STEIDL PhD Assoc Prof Household Mgt
- 12Mrs ETHEL L VATTER PhD Assoc Prof Econ Asst
- Coord of Res in Home Econ and Asst Dir of Sta 12KATHRYN E WALKER PhD Assoc Prof Household
- Mat 3ELIZABETH WIEGAND PhD Prof Household Econ 3 JANICE WOODARD MS Asst Prof Household Econ

## HOUSING AND DESIGN

- 123JOSEPH CARREIRO BS Prof Indus Design and Chmn of Dept
  - 4G H BEYER AM Prof Housing
  - 1L L BOWER PhD Assoc Prof Commerce and Finance-Housing
  - 1ALLEN BUSHNELL MA Asst Prof Indus Design 1HELEN J CADY MFA Assoc Prof Fine Arts

  - 3C E GARNER BFA Assoc Prof Int Design 12J A KONCELIK MA Asst Prof Indus Design
- 1G C MILLICAN MFA Assoc Prof Int Design
- 12E E MORRIS PhD Asst Prof Housing 123R L RAGATZ PhD Asst Prof Community Environ 1CLARA J STRAIGHT MFA Assoc Prof Design

7260-7280 NEW YORK

Home Economics-Continued

12J A VILLEGAS MA Asst Prof Internatl Housing 14A LORRAINE WELLING MS Asst Prof Int Design

INSTITUTION MANAGEMENT

123Mrs MARY K BLOFTJe'S PhD Prof Admin Dietetics and Head of Dept

12DORIS J BRUENIG MA and MPH Asst Prof Admin Dietetics

3DOROTHY M PROUD MS Ass∞ Prof Ext Dietetics 3Mrs KATHRYN VISNYEI MS Asst Prof Ext Dietetics

TEXTILES AND CLOTHING

IELAINE AGER MS Instr Text and Cloth

3Mrs MADELINE C BLUM MS Assoc Prof Text and Cloth

34NANCY B CONKLYN MS Assoc Prof Text and Cloth 12RACHEL DARDIS PhD Assoc Prof Text and Cloth
12RERTHA A LEWIS PhD Assoc Prof Text and Cloth 1Mrs LILY LOH MA Instr Text and Cloth

3Mrs FRANCES E McFADDEN MS As soc Prof Text and Cloth

3Mrs JEAN McLEAN MS Ass∞ Prof Text and Cloth 1Mrs ELSIE F McMURRY MA Assoc Prof Text and Cloth

1Mrs SHARON R OBENDORF MS Asst Prof Text and Cloth

12E R OSTRANDER PhD Ass∞ Prof Text and Cloth 12BETTY SMITH PhD Assoc Prof Text and Cloth 12EVELYN E STOUT EdD Prof Text and Cloth ISUSAN S WATKINS MS Asst Prof Text and Cloth 12M VIVIAN WHITE MS Ass∞ Prof Text and Cloth

Miscellaneous (Agr and Home Econ)

7270

7280

1L W FEDDEMA PhD Asst Prof Pers Admin and Transfer Stud Counselor (Agr) 1MARGARET GAFFNEY MA Asst Prof Home Econ and

Stud Counselor

1L H HARDEN MS Prof Pers Admin in Chg of Admissions (Agr)

1D B HOEY MS Instr Home Econ and Stud Counselor 1BARBARA MORSE MA Asst Prof Home Econ and Stud Counselor

1HELEN J PAPE MA Asst Prof Home Econ and Stud Counselor

123WHITON POWELL PhD Prof Bus Mat and Libr Albert R Mann Libr

BARBARA J RUSSELL MEd Asst Prof Home Econ and Stud Counselor

1S R SHAPLEY BS Prof Pers Admin in Chg Stud Pract (Agr)

1HSTYLER PhD Prof Pers Admin in Chg Vocat Guidance and Placement (Agr)

123Mrs DORIS T WOOD MA Assoc Prof Home Econ and Dir of Placement

1LUCY L WOOD EdSpec Instr Home F.con and Stud Counselor

123MARY B WOOD MSEd Assoc Prof Home Econ Asst to Dean for Intercultural Affairs and Ext Ldr

## **Veterinary Medicine** ANATOMY

12R E HABEL DVM MSc MVD Prof Vet Anat and Head of

12J F CUMMINGS DVM PhD Asst Prof Vet Anat 12ALEXANDER de LAHUNTA DVM PhD Ass∞ Prof Vet Anat

12H E EVANS PhD Prof Vet Anat and Secy Col 12W O SACK DVM MRCVS PhD Assoc Prof Vet Anat

## AVIAN DISEASES

Dept

123S B HITCHNER VMD Prof Avian Dis and Head of Dept 3C I ANGSTROM DVM Dir of Poultry Lab (Kingston)

123B W CALNEK DVM MS Prof Avian Dis 2JULIUS FABRICANT VMD PhD Prof Avian Dis 3 JEAN R HAGAN DVM Dir of Poultry Lab (Oneonta) 3LOUIS LEIBOVITZ VMD Field Vet (Eastport) 123P P LEVINE DVM PhD Prof Avian Dis

Veterinary Medicine-Continued

3SAUL NAROTSKY DVM Dir of Poultry Lab (East Aurora)

1M C PECKHAM DVM Prof Avian Dis

3JESSIE I PRICE PhD Res Spec Poultry Lab (Eastport) 3THOMAS TOTH DVM Duck Dis Spec (Eastport) 3W D URBAN VMD Dir Duck Res Lab (Eastport)

LARGE ANIMAL MEDICINE, OBSTETRICS, AND SURGERY 123KENNOTH McENTEE DVM Prof Med and Path and Chmn of Dept

3V L BOLDT DVM Field Vet (Mastitis-East Aurora)

3H L BROWN DVM Field Vet (Mastitis-Earlville)

124A G DANKS DVM Prof Vet Surg and Dir of Stud Admin 12D D DELAHANTY DVM MS Prof Vet Surg

12H O DUNN PhD Senior Res Assoc

13L E FIELD DVM Field Vet (Mastitis - Ithaca)

12F H FOX DVM Prof Vet Med and Obstet 12J C GEARY DVM Assoc Prof Radiol

13R S GUTHRIE DVM Supervising Vet (Mastitis)
123N B HAYNES DVM Assoc Prof Vet Sci

124R B HILLMAN DVM MS Assoc Prof Vet Med and Obstet

13S D JOHNSON DVM Field Vet (Mastitis - Ithaca)

12R F KAHRS DV 'PhD Asst Prof Vet Epidem

12D H LEIN DVM Senior Res Assoc

3W E LINQUIST DVM Field Vet (Mastitis - Amsterdam)

12J E LOWE DVM MS Asst Prof Vet Surg 12N L NORCHOSS Ph') Assoc Prof Immunochem 12S J ROBERTS DVM MS Prof Vet Med and Obstet

3H C TEMPLE DVM Field Vet (Mastitis-Kingston) 3L A WAGER DVM Field Vet (Mastitis - Canton) 12A J WINTER DVM PhD Prof Vet Microbiol

MICROBIOLOGY

12D W BRUNER PhD DVM Prof Vet Microbiol and Chmn of Dept

12M J APPEL DMV PhD Asst Prof Vet Microbiol 12J A BAKER PhD DVM Prof Vet Virol and Dir Vet

Virus Res Inst 12L E CARMICHAEL DVM PhD Assoc Prof Vet Virol

124J H GILLESPIE VMD Prof Vet Microbiol 12K M LEE MD PhD Assoc Prof Virol

12GEORGE LUST PhD Asst Prof Biochem

12F W SCOTT DVM Asst Prof Vet Microbiol

12B E SHEFFY PhD Prof Nutr Vet Virus Res Inst

PATHOLOGY

12C G RICKARD DVM PhD Prof Vet Path and Chmn of

12H K ADLDINGER DVM Senior Res Assoc 12J BENTINCK-SMITH AB DVM Prof Vet Path

12C I BOYER Jr VMD MS Prof Lab Anim Med 123J R GEORGI DVM PhD Assoc Prof Parasitol

12E A HOLZINGER DVM MS Res Assoc Path

12R M KENNEY DVM PhD Assoc Prof Reprod Path

12L P KROOK DVM PhD Prof Vet Path 12F M NORONHA DVM Prof Vet Virol

12J E POST DVM Ph Assoc Prof Vet Path 12E L SAVAGE DVM Res Assoc Path

12 J. H. WHITLOCK DVM MS Prof Vet Parasitol

12ALEXANDER ZEISSIG DVM PhD Dir Diagnostic Lab

PHYSICAL BIOLOGY

12C L COMAR PhD Prof Phys Biol and Head of Dept 12ALISON P CASARETT PhD Asst Prof Phys Biol

12P H CRAIG VMD MS Assoc Prof Path

124E L GASTEIGER Jr PhD Prof Phys Biol 12F L HILTZ PhD Senior Res Assoc

12RUTH Z KORMAN BSA PhD Res Assoc Phys Biol 12F W LENGEMANN MNS PhD Prof Radiation Biol

12D N TAPPER VMD PhD Assoc Prof Phys Biol
12J C THOMPSON Jr PhD Assoc Prof Environ Radiation Biol

12R H WASSERMAN PhD Prof Radiation Biol 12R A WENTWORTH PhD Res Spec Phys Biol

PHYSIOLOGY, BIOCHEMISTRY, AND PHARMACOLOGY 124A F STLL. ES VYF Pall Prof Vet Phys and Head of 7280-7332 **NEW YORK** 

Veterinary Medicine-Continued Food Science and Technology-Continued 12M W ANDERS DVM PhD Assoc Prof Vet Pharmacol 2K E KONKLE BS Expt Carbohydrates 12W J ARION PhD Asst Prof Physiol Chem 2R L LABELLE BCE Prof Fruits Veg and Juices 12A L ARONSON DVM PhD Assoc Prof Vet Pharmacol 12E N BERGMAN DVM PhD Prof Vet Phys 2CHANG LEE PhD Res Assoc Carbohydrates 2L R LIND BS Expt Fruits Veq and Juices 2G L MACK PhD Assoc Prof Pesticides (Ins Herbi-12ALAN DOBSON PhD Assoc Prof Vet Phys 12F D McLEOD Jr BS Res Spec Phys fungicides) 12L L NANGERONI DVM MS Assoc Prof Vet Phys 2L M MASSEY Jr PhD Assoc Prof Physiol Post Harvest 12C E STEVENS DVM PhD Prof Vet Phys Biochem Technol 12J F WOOTTON PhD Assoc Prof Physiol Chem 2L R MATTICK PhD Assoc Prof Chromatograph Anal Biochem Anal Flavors Bioinstrumentation SMALL ANIMAL MEDICINE AND SURGERY 2J C MOYER PhD Prof Food Engin 12E P LEONARD DVM Prof Small Anim Surg and Dir of 2A K MOZINGO MS Res Tech Flavors 2R J POLIMENI BS Expt Amino Acids Small Anim Clin and Head of Dept 12R W KIRK DVM Prof Small Anim Med 2G F RICKEY BS Chem Tech Anim Feeds 12G E ROSS Jr DVM MS Assoc Prof Small Anim Med 2G D SARAVACOS PhD Asst Prof Chem Engin 2R S SHALLENBERGEP PhD Prof Corbohydrates and Sura 2D F SPLITTSTOESSER PhD Assoc Prof Bact **MISCELLANEOUS** 2J R STAMER PhD Asst Prof Bact 1H G MOWERS Farrier 2K H STEINKRAUS PhD Prof Food Prod (PO College 1MARION NEWSON RN Med Illus Laguna, Philippines) 1MIA REINAP BS BS (Libr Sci) Libr 2G S STOEWSAND PhD Asst Prof Food and Feed Additives Anim Toxicol 2J P VAN BUREN PhD Assoc Prof Biochem Mech New York State Agricultural Experiment Station, 2W F WILKENS PnD Asst Prof Biochem Mech 2G D WOOSTER MS Hes Assoc Chem Engin 2Station Staff 3Extension 4Leave of Absence Plant Pathology 5Coop USDA 2R M GILMER PhD Prof Nursery "tock Dis and Acta Head of Dept 7285 2A J BRAUN PhD Prof Small Fruit Dis 2W J COXETER MS Expt Orchard Fruit Dis 2D W BARTON PhD Dir (315-787-2211) Editorial 2J D GILPATRICK Fhi Asst Prof Orchard Fruit Dis 2J A KEPLINGER Jr MS Expt Small Fruit Dis 7290 2H PAULINE JENNINGS BLS Libr 2J J NATTI PhD Prof Veg Dis 2J R NEVILL MS Expt Orchard Fruit Dis 2R E KRAUSS BS Ed and Res Inform Spec 2D H PALMITER PLD | Prof Orchard Fruit Dis (PO Highland) Entomology 2F L McEWEN PhD Prof Veg Ins and Head of Dept 2ROSARIO PROVVIDENTI DSc Res Assoc Veq Dis 2J A ADAMS PhD Assoc Prof Corn Ins (PO Highland) 2W T SCHROEDER PhD Prof Veg Dis 2HEINRICH ARN PhD Asst Prof Insecticide Assay 2P J CHAPMAN PhD Prof Emeritus Fruit Ins Ecol 2MICHAEL SZKOLNIK PhD Prof Orchard Fruit Dis 2S L CHUNG PhD Res Assoc Ins Steril 2S L CHOING PRID
ASSOC INS OFFIN
2R W DEAN PhD Prof Tree Fruit Ins (PO Highland)
2E H GLASS PhD Prof Pome Fruit Ins
2F D JUDGE PhD Asst Prof Veq Ins 24JOHN EINSET PhD Prof Brdg and Head of Dept 2J C CAIN PhD Prof Physiol 20 CHOWL Expt Vitic (PO Fredoria) 2J N CUMMINS PhD Asst Prof Propagation 2R E KUHR PhD Asst Prof Ins Toxicol
2S E LIENK PhD Assoc Prof Stone Fruit Ins 20 F CURTIS Jr PhD Assoc Prof Physiol 2F G DENNIS PhD Ass∞c Prof Physiol 2H B RINICK Jr MS Expt Veg Ins 2W L ROELOFS PhD Asst Prof Ins Attraction 2C G FORSHEY PhD Prof Physiol (PO Highland) 2G E HOWARD Expt Vitic 2G A SCHAEFERS PhD Assoc Prof Small Fruits Ins 2K H KIMBALL MS Res Assoc Vitic 2M U SHAIKH PhD Res Assoc Ins Physiol 2R C LAMB PhD Assoc Prof Brdq 2Mrs CLARA M SPLITTSTOESSER PhD Res Assoc Ins 2M W McKEE MS Expt Pomol Path 2D K OURECKY PhD Asst Prof Brdg 2T N TAFT BS Expt Grape Ins (PO Fredonia) 2CHARLOTTE S PRATT MA Res Assoc Bot 2E F TASCHENBERG PhD Prof Grape Ins (PO 2N J SHAULIS PhD Prof Vitic Fredonia) 2G L SLATE MS Prof Brdg 2L H WATERS BS Res Assoc Fruit Ins (PO Highland) 2J P WATSON MS Fruit Technol Brdg 2R D WAY PhD Assoc Prof Brdg Food Science and Technology 7310 2W B ROBINSON PhD Prof Fruits Veg and Juices and Seed Investigations 7332 Head of Dept 2B E CLARK PhD Prof Veg Seed Res and Head of 2T E ACREE PhD Res Assoc Phys Biochem Dept 2A E BADENHOP PhD Res Assoc Nutrient Values 25S W BRAVERMAN PhD Assoc Prof Plant Introduction Flavor 2J J BERTINO BA Res Tech Fermentation 2J B BOURKE PhD Asst Prof Pesticides (Ins 2W F CROSIER PhD Prof Seed Path 25D D DOLAN PhD Assoc Prof and Regional Coord of Plant Introduction Herbifungicides) 2R E DRURY PhD Res Assoc Seed Physiol 2M C BOURNE PhD Asst Prof Fruits Veg and Juices 2R M BUTTS BS Electron Tech Chromatograph Anal 2C E HEIT BS Seed Technol Flower and Tree Seed 2D L DOWNING PhD Asst Prof Fruit Veg and Juices 2R J ECHANDI PhD Res Assoc Bot Post Harvest Germ

2T J KENNY BS Seed Technol Grain and Forage Seed

2A A KHAN PhD Asst Prof Seed Physiol 2Mrs DOROTHY B KLINE BS Seed Technol Veg Seed

2Mrs BETTE NELSON Seed Technol Turf Seed Purity

2L W NITTLER Ph? Prof Grain Turf and Forage Seed

Variety Purity

Variety Purity

Germ

Physiol

Amino Acids

2D FUKUSHIMA PhD Res Assoc Amino Acids Enzymes

2L R HACKLER PhD . Assoc Prof Nutr and Nutr Values

2GEZA HRAZDINA PhD Asst Prof Biochem Mech

2S D GIBBS BS Chem Technol Agr Chem

2Y D HANG PhD Res Ass∞ Food Prod

7332-7350

### **NEW YORK**

			_	
Seed !	nvast	tiantions	-Cont	inued

2S R PATRICK BS Seed Technol Veg and Turf Seed

2W R SHERRING MS Res Tech Plant Introduction 2E C WATERS Jr MS Res Tech Grain and Forage Seed Purity and Germ

Vegetable Crops

7333

2M T VITTUM PhD Prof Vea Crops and Head of Dept 2A F CARRUTH BS Expt Hort 2M H DICKSON PhD Asst Prof Genet (Beams Cabbage) 2G H GIBBS BS Seed Technol Hort 2G E MacDONALD MS Expt Soil Fert

2G A MARX PhD Assoc Prof Genet (Peas) 2WILLIAM MISHANEC BS Expt Genet (Peas Tomatoes)

2N H PECK PhD Asscc Prof Soil Fert 2R W ROBINSON PhD Assoc Prof Genet (Tomatoes Cucumbers) 2STANTON SHANNON PhD Assoc Prof Plant Physiol

State University College of Forestry at Syracuse University, a College of the State University of New York, Syracuse 13210

1College Staff 4Leave of Absence 5Coop USDA 7Research Foundation of State University of New York Staff

7334

1S B GOULD LLD Chanc of Univ (518-474-2121) 1H W PORTER PhD Prov of Univ (518-474-2121)

1E C JAHN PhD Dean of Col of For (315-476-3151)

1R A ZABEL PhD Assoc Dean for Biol Sci and Instr (315-476-3151)

IP F GRAVES PhD Ascoc Dean for Resources Mat and Col For and Public ^erv and Cont Educ (315-476-3151)

1R E PENTONEY PhD Assoc Dean for Phys Sci and Res (315-476-3151)

1W L WEBB PhD Dir Grad Studies (315-476-3151)

1T J ...OVERTER MA Libr (315-476-3151) 1D G ANDERSON MS Asst Dean for Admin (315-476-3151)

1J D MABIE BS Asst Res Coord (315-476-3151)

Applied Forestry Research Institute

piled Forestry Research Institute 7336
IS W MILLER MF Dir Applied For Res Inst
1D 3 GKIMBLE MF Prof Res Assoc Applied For Res
1R D NYLAND PhD Senior Res Assoc Applied For Res Empire State Paper Research Institute

7BENGT LEOPOLD PhD Prof Organic and Wood Chem and Dir of Inst 1C W DENCE PhD Assoc Prof Organic Chem

1PHILIP LUNER PhD Prof Phys Chem 1Mrs RENATA MARTON Phi) Prof Pulp and Paper Sci 1SAMUEL ROTHENBERG MS Prof Res Assoc Organic Chem

Forest Botany and Pathology

14H B TEPPER PhD Prof Plant Anat and Chmn of Dept 1D H GRIFFIN PhD Asst Prof Bot 1E H KETCHLEDGE PhD Prof Ecol and Bryol 1J L LOWE PhD Res Prof Mycol 1P D MANION PhD Prof Phytopath 1L L McDOWELL PhD Prof Res Assoc Phytopath 11 I. MORRISON PhD Prof Plant Syst 1MICHAIL SCHAEDLE PhD Asst Prof Plant Physiol 1S B SILVERBORG PhD Prof Fungus Phytopath 1F A VALENTINE PhD Prof Plant Genet 1Mrs CHUN-JUAN K WANG PhD Assoc Prof Mycol 1H E WILCOX PhD Prof Plant Physiol
1R A ZABEL PhD Prof Fungus Phytopath and Assoc

7342 Forest Chemistry

1CONRAD SCHUERCH PhD Prof Lignin and Cellulose Chem and Chmn of Dept

1B H BAUM PhD Asst Prof Plant Biochem 1W W BRACKE PhD Asst Prof Polymer Chem

Dean for Biol Sci and Instr

Forest Chemistry-Continued

1JOSEPH JAGUR PhD Assoc Prof Polymer Chem 1E C JAHN PhC Prof For Chem and Dean of Col of For 1R T LaLONDE PhD Assoc Prof Chem of Terpenes and Alievelies

1'- H MARCHESSAULT PhD Prof Polymer Chem 1J A MEYEL PhD Assoc Prof Nuclear Chem 1ANATOLE CARKO Ph. Asst Prof Polymer Chem 1JOHANNES SMID Ph.L Assoc Prof Polymer Chem 1EFNEST SONDHEIMER Par Prof Plant Biochem and Biosynthesis

1M M SZWARC PhD(Organic Chem) PhD(Phys Chem) DSc FRS Distinguished Prof Polymer and Phys Chem and Dir State Univ Polymer Res Center

14T F TIMELL PhD Prof Cellulose Chem and Dir Cellulose Res Inst

1D C WALTON PhD Asst Prof Plant Biochem

Forest Entomology

1J B SIMILONE PhD Prof Ins Ecol and Morphol and Chmn of Dept

IJEROME BROZNER PhD Assoc Prof Ins Physiol and Biochem

IJ L KRALL PhD Prof Ins Biol and Histol

1F E KUBCZEWSKI Phi: Asst Prof Ins Behavior and Taxon

TTSUTOLU NAKASUGAWA PhD Asst Prof Ins Toxicol

Forest Management

7344

1R E GETTY MS Prof For Admin and Chmn of Dept

1C A BICKFORD MS Prof Statis

18 H BROCK Jr MS Assoc Prof Photogram

1W R BURCH PhD Prof Res Assoc Social and Outdoor Recreation

1TIBERIUS CUNIA PhD Prof Statis

5H E ECHELBERGER MS Adjunct Asst Prof For Mat 1P F GRAVES PhD Prof For Policy and Admin and

Assoc Dean for Resources Mgt and Col For and Public Serv and Cont Educ

1A F HORN Jr PhD Assoc Prof For Mgt

1J D KASILO MO Asst Prof Statis

1L E. KOTEN Pnl. Assoc Prof For Mat

1A H LANCKTON MS Asst Prof Geodetic Engin

5W F LaPAGE MS Adjunct Instr For Mat

1C N LEE MCD Assoc Prof For Engin and Dir Computer Center

1D G PALMER MS - Assoc Prof Indus Engin and For Mat

5E L SHAFER Jr PhD Adjunct Asst Prof For Mgt

1B T STANTON MF Prof Photogram

1W J SULLIVAN BS Instr For Mgt 1W P TULLY MSCF. Assoc Prof For Engin

1FAY WELCH BS Lect in For Sec

1111 D WENGER Jr MS - Instr Social Psychol and Outdoor Recreation

5J C WHITTAKER PhD Adjunct Asst Prof For Mat

7348 Forest Zoology

1M. M ALEXANDER PhD Prof Anim Ecol and Chmn of Dept

1D F BEHREND PhD Frof Pes Assoc and Dir Huntington For Wildlife Res

1R E CHAMBURS PhD / est Prof Pop Ecol

1D L DINDAL PhD Asst Prof Invert Ecol

1W E GRAVES PnE Asst Prof Vert Physiol

1R C HARTENSTEIN PLD Assoc Prof Invert Physiol

IG F MATTFELD MS Prof Res Asst Wildlife Mat

1E F PATRIC PhD Prof Wildlife Mat

1H H PAYNE TdD - Assoc Prof dildlife Conserv and Dir Stud Serv

1E O PRICE PhD Asst Prof Anim Behavior 1W C TIERSON MS Mar Huntington Wildlife For Sta

1W L WEBB PhD Prof Wildlife Mat and Dir Grad Studies 1R G WERNER PhD Asst Prof Limnol and Ichthyol

Forestry Economics

1W A DUERR PhD Prof Econ For Prod and Chmn of Dept

1G R ARMSTRONG PhD Assoc Prof Econ Wood-Using Indus

1J D BENNETT BA Asst Prof Econ Theory

7350-7375 NEW YORK-NO	RTH CAROLINA
Forestry Economics-Continued  1H O CANHAM MS Prof Res Asst Regional Econ 1N H CHRISTIANSEN PhD Asst Prof Econ For Prod	State University Water Resources Center-Continued  1P E BLACK PhD Asst Prof Watershed Mat  5R E LEONARD MF Adjunct Instr Watershed Mat
1C R MILLER PhD Asst Prof Mktg and Consumption of For Resources 1JANIS PETRICEKS MS Assoc Prof For Econ	Wood Products Engineering 7366  1E A ANDERSON PhD Prof For Prods and Chmn of
Office of International Forestry 7352  1C C LARSON PhD Prof Internatl For and Dir Off Internatl For 1G M GARTHE MF Instr Internatl For	Dept  1W A COTE Jr PhD Prof Cell Ultrastructure  1R W DAVIDSON PhD Assoc Prof Wood Phys and Mech  1C H deZEEUW PhD Prof Wood Anat  1G E KYANKA MSNE Asst Prof Mech
	1R A MOORE MS Asst Prof Indus Application and Devlpmt Res Unit Ldr
School of Landscape Architecture 7354  1G W ALBRECHT BS Prof Landsc Arch and Dir Sch of Landsc Arch Lie LA NYS	1R E PENTONEY PhD Prof Mech Behavior and Assoc Dean for Pnys Sci and Res
1W M BELDEN BS Prof Res Assoc Landsc Arch 1G W CURRY MS Instritandsc Arch 1G F EARLE MFA Prof Art 1C C FREEMAN ES Asst Prof Landsc Arch	1.J F SIAU PhD Asst Prof Chem Wood Tech 1.CHRISTEN SKAAR PhD Prof Wood Phys 1.G H SMITH MBA Assoc Prof Light Construction 1.L A SMITH MSChE Prof Res Assoc Adhesives and
1J R JOHST MLA Instr Landsc Arch 1F L MARAVIGLIA MS Asst Prof Graphics 1R G REIMANN ES Assoc Prof Landsc Arch Lie LA	Coatings IS A WHITT PhD Prof Wood Prod Engin
NYS 1H R SCHAAL BS Instr Landsc Arch	NORTH CAROLINA
1B G SEARS MS Prof Landsc Arch Lie LA NYS 1A T VIERTEL PhD Assoc Prof Landsc Arch Lie LA	The Schools of Agriculture and Life Sciences and
NYS 1H G WILLIAMS MA Assoc Prof Land Use Planning	Forestry, the Agricultural Experiment Station, and the Cooper- ative Extension Service in Agriculture and Home Economics of the North Carolina State University at Raleigh 27607
Public Service and Continuing Education 7356	1College Staff 2Station Staff 3Extension Staff
1J M YAVORSKY PhD Dir Public Serv and Cont Educ 1A H BISHOP MS Assoc Prof Wood Prod Enain and Retriever-Abstractor STS Prog	4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc
1H W BURRY MF Asst Prof Wood Util Ext 1F E CARLSON MF Prof For Ext 1R W COCHRAN MS Assoc Prof Public Relat	7370 1W C FRIDAY BS LLB Pres of Univ (919-933-1026)
1R C DECKERT MF Assoc Prof Wood Util Ext 1D L HANSELMAN PhD Assoc Prof Audio Vis 1R R KARNS BS Instr For Fxt and Educ	(PO Chamel Hill 27514)  1.I T CALDWELL PhD Chama (919-755-2191)  1N W CONNER Acta Admin Deam for Res
1H C MILLER PhD Assoc Prof Ent Ext 5D E NELSON MS Adjunct Asst Prof Wood Util Ext	(919-755-2117)  1.J A RIGNEY MS Admin Dean for Internat1 Prog (919-755-2480)
Pulp and Paper Technology 7358	13W L TURNER PhD Admin Dean for Univ Ext
1F W O'NEIL MS Prof Pulp and Paper Sci and Chmn of Dept 1J P BAMBACHT MS Instr Pulp and Paper Sci	(919-755-2144)  1234   B JAMES PhD Deam of Sch of Aar and Life Sci (919-755-2613)
1S N GORBATSEVICH MS Assoc Prof Pulp and Paper Sci	123R L LOVVORN Acta Deam of Sch of Aar and Life Sci and Dir of Res (919-755-2717)
5 H M GRAY DSc Adjunct Prof Pulp and Paper Sci 1T J STENUF PhD Prof Chem Engin	1E W GLAZENER PhD Dir of Instr (919-755-2614) 3GEORGE HYATT Jr PhD Dir of Ext (919-755-2811) 3G W SMITH PhD Assoc Dir Ext
1R W STRAUSS PhD Assoc Prof Pulp and Paper Sci	2.J C WILLIAMSON Jr MS Assoc Dir of Res
Ranger School at Wanakena 7360  1J E FISHER BS Prof For and Dir of Ranger Sch	2.J L APPLE PhD Asst Dir Res and Dir Inst Biol Sci 3T C BLALOCK PhD Asst Dir Ext 4-H Club
1D M CASTAGNOZZI MF Assoc Prof For 1J E COUFAL MS Asst Prof For	3E.J. BOONE PhD Asst Dir and Head of Dept Adult Educ  3Mrs MINNIE M BROWN MS Ext State Agt Home Econ
1P J HADDOCK RS Asst Prof For 1C E MARTIN II MF Asst Prof For 1R W MILLER BS Instr For	3G L CAPEL PhD Asst Dir Mkta 3ELOISE COFER PhD Asst Dir Ext Home Econ
1K E REMELE MF Instr For	123A J COUTU PhD Asst Dir and Dir Aar Mission to Peru
Silviculture 7362  1C E FARNSWORTH PhD Prof Silvic and Chmn of Dept	1H B CRAIG PhD Asst Dir Instrand Dir Aar Inst 3.I E FOIL MS Asst Dir Ext
1J V BERGLUND MS Prof Res Asst Silvic	3R E JONES MS Asst Dir Ext
1P J CRAUL PhD Prof Res Assoc and Asst Prof Silvic Res 1J H ENGELKEN BSF Asst Prof For and Mar Heiberg	2K R KELLER PhD Asst Dir in Cha Tobacco Res 3LORNA LANGLEY MS Ext State Aat Home Econ 123.10HN D WRIGHT Bus Mar
For 1A R ESCHNER PhD Assoc Prof Watershed Mat	Agricultural Information 7375 123W L CARPENTER EdD Assoc Prof and Head of Dept

# 3R J ALBERG Assoc Ed Art 3L S BENNETT PhD In Chq of Vis Aids 3T M BYRD MA Assoc Ed News 3JANICE R CHRISTENSEN BS Home Econ Ed News 23A M DEEKENS MS Assoc Ed Pub 3S R EDWARDS BA Asst Ed Radio-TV 3W E GULLEY BA Inform Soec Pesticides 2R P LOWE BA Asst Ed Pub 1ELBERT REID MA Asst Prof Commun Teaching/Pub 3H L REYNOLDS BS Assoc Ed Radio-TV

State University Water Resources Center 73

1R D HENNIGAN MS Dir State Univ Water Resources 7364

Center

1L P HERRINGTON PhD Asst Prof Met 1R V LEA PhD Dir Summer Sch 1A L LEAF PhD Prof Soil Fert 1S W POTTER Jr BS Asst Prof For and Mar Pack

1N A RICHARDS MS Prof Res Asst Silvic

Demon For

### Agricultural Information—Continued

3Mrs RUTH G SHEEHAN MA Asst Ed TV

2J C TART ME Asst Ed Pub

2J W UPCHURCH Jr ME Asst Ed News

## Animal Science

7380

121 D PORTERFIELD PhD Prof and Head of Dept Anim Husb

3A V ALLEN MS Ext Prof in Chq Anim Husb Ext

3L L ALLEN BS Ext Anim Husb Spec

12W L ALSMEYER PhD Asst Prof Anim Husb

12E R BARRICK PhD Prof and Head of Anim Husb Sect Livestock Nutr and Mat

125E G BATTE DVM Prof and Head of Anim Dis Sect Vet Parasitol

3K C BUESON PhD Visiting Prof (Peru) Anim Nutr

3R F BEHLOW DVM Ext Prof Ext Vet
3J S BUCHANAN BS Ext Prof Beef Cattle and Sheep

2E V CARUOLO PhD Assoc Prof Cellular Physiol

12A J CLAWSON PhD Prof Swine Nutr

12D G DAVENPORT PhD Assoc Prof Dairy Cattle Nutr and Econ

124E U DILLARD PhD Assoc Prof (Peru) Anim Genet

2E J EISEN PhD Assoc Prof Anim Genet 12LEMUEL GOODE PhD Prof Reprod Physiol

12R W HARVEY PhD Asst Prof Anim Husb 3W L JOHNSON PhD Asst Prof (Peru) Anim Husb

12E E JONES PhD Asst Prof Biochem

3J R JONES PhD Ext Asst Prof Area Swine Spec

3F N KNOTT PhD Ext Assoc Prof Dairy Cattle Feeding and Mat

12J M LEATHERWOOD PhD Assoc Prof and Head of Anim Nutr Sect Anim Nutr

2J G LECCE PhD Prof Cellular Bact

12J E LEGATES PhD William Neal Reynolds Prof and Head of Anim Brdg Sect Anim Genet

3V H LYTTON MS Ext Instr Dairy Prod Records 3R L McGUIRE PhD Ext Assoc Prof 4-H Work Anim

12J J McNEILL PhD Assoc Prof Anim Nutr 12R D MOCHRIE PhD Assoc Prof Dairy Nutr and Physiol

125D J MONCOL DVM Assoc Prof Vet Parasitol

12R M MYERS MS Assoc Prof Reprod Physiol

3J H NICOLAI Jr PhD Asst Prof Anim Husb

3J W PARKER MS Ext Anim Husb Spec

3G S PARSONS MS Ext Prof Dairy Cattle Feeding and Housing

3J W PATTERSON PhD Ext Assoc Prof Beef Cattle and Testina

2A H RAKES PhD Assoc Prof Dairy Nutr

12H A RAMSEY PhD Prof and Head of Dairy Husb Sect Anim Nutr

3C M REESE MS Ext Instr Beef Cattle and Testing

120 W ROBISON PhD Assoc Prof Anim Genet
3F D SARGENT PhD Ext Asst Prof Dairy Prod

Records and Brdg

3M E SENGER MS Ext Prof in Cha of Dairy Husb Ext 2F H SMITH MS Prof Anim Nutr

34D G SPRUILL MS Ext Asst Prof Swine

3C M STANISLAW PhD Ext Asst Prof Anim Genet

2H A STEWART PhD Prof Emeritus Anim Brdg

12L C ULBERG PhD Prof Reprod Physiol

12G H WISE PhD William Neal Reynolds Prof Physiol of Nutr

125M B WISE PhD Prof Ruminant Nutr

3J R WOODARD MS Ext Assoc Prof Swine Testing

3R L WYNN MS Ext Dairy Husb Spec

3J W ZIMPEL MS Ext Instr (Peru) Dairy Cattle

### Biochemistry (Sch of Phys Sci and Applied Math) 7385 12GENNARD MATRONE PhD William Neal Reynolds

Prof Biochem and Mineral Metabolism and Head of Dept Biochem

12F B ARMSTRONG PhD Assoc Prof Biochem and Microbiol and Genet

12M W CARTER PhD Visiting Prof Biochem and Statis 12Mrs IRENE C CHANG PhD Res Assoc Photosynthesis 12H R HORTON PhD Assoc Prof Biochem Mechanisms

12J S KAHN PhD Assoc Prof Photosynthesis

Biochemistry (Sch of Phys Sci and Applied Math)-Continued

12MARY A KAHNG PhD Res Assoc Intermediary Metabolism Biosynthesis and Lipids

12Mrs CAROL R KEPLER PhD Instr Intermediary Metabolism Biosynthesis and Lipids

12I S LONGMUIR B Chir Prof Biochem Mechanisms 12A R MAIN PhD Prof Biochem and Enzyme Kinetics

12D B MILNE PhD Res Assoc Biochem and Mineral Metabolism

12E C SISLER PhD Assoc Prof Intermediary Metabolism Biosynthesis

12S B TOVE PhD Prof Intermediary Metabolism Biosynthesis and Lipids

Botany

7390

7400

12G R NOGGLE PhD Prof and Head of Dept

12C E ANDERSON PhD Asst Prof Plant Anat 1D B ANDERSON PhD Prof Plant Physiol

12E A BALL PhD Prof Plant Morphol

12A W COOPER PhD Prof Plant Ecol

12R C FITES PhD Asst Prof Plant Physiol

12J W HARDIN PhD Prof Plant Taxon

12W H HATHEWAY PhD Adjunct Assoc Prof Ecol 12J D KOCH PhD Asst Prof Plant Taxon

5H E PATTEE PhD Asst Prof Plant Physiol

4H E SCHLICHTING Jr PhD Assoc Prof Phycol 4H T SCOFIELD PhD Prof Plant Physiol (Peru)

5HEINZ SELTMANN PhD Assoc Prof Plant Physiol

12J R TROYER PhD Assoc Prof Plant Physiol

12L A WHITFORD PhD Prof Phycol

5R E WILLIAMSON PhD Assoc Prof Plant Physiol

Crop Science

123P H HARVEY PhD William Neal Reynolds Prof and

Head of Dept 3C T BLAKE PhD Ext Assoc Prof Pasture and Forage

5C A BRIM PhD Prof Brdg Soybeans

Corps

5J C BURNS PhD Asst Prof Pasture and Forage Crops

5T H BUSBICE PhD Asst Prof Brdg Alfalfa

12D S CHAMBLEE PhD Prof Forage Ecol

3J G CLAPP MS Ext Instr Soybeans and Small Grain

3E R COLLINS PhD Prof Emeritus

13W K COLLINS PhD Assoc Prof Tobacco

5W A COPE PhD Assoc Prof Brdg Misc Legumes 12F T CORBIN PhD Asst Prof Weed Control

13S H DOBSON MS Ext Prof Pasture and Forage Crops

12D A EMERY PhD Prof Brdg Peanuts

12W T FIKE PhD Assoc Prof Crop Mgt

5K E FRY PhD Asst Prof Plant Physiol Cotton

12D U GERSTEL PhD William Neal Reynolds Prof

Genet Tobacco

12W B GILBERT PhD Assoc Prof Turf 12W C GREGORY PhD William Neal Reynolds Prof Genet Peanuts

24H D GROSS PhD Prof (Peru) Pasture and Forage Crops 5G R GWYNN PhD Assoc Prof Brdg Tobacco

(PO Oxford)

25J L HALL PhD Asst Prof Chem Tobacco 3S N HAWKS BS Ext Prof Tobacco

3S J HODGES BS Ext Agron Spec

3G L JONES PhD Prof in Chg of Agron Ext 2J M KENYON MS Instr Crop Brdg Tobacco

5J A LEE PhD Assoc Prof Plant Genet Cotton

23W M LEWIS PhD Assoc Prof Weed Control

2R C LONG PhD Asst Prof Plant Physiol Tobacco

23F W McLAUGHLIN MS Ext Prof and Dir of NC Crop Impr Assoc

12P A MILLER PhD Prof Crop Brdg Cotton

2R P MOORE PhD Prof Seeds

5D E MORELAND PhD Prof Plant Physiol Weeds

2C F MURPHY PhD Assoc Prof Crop Brdg Small Grain 13ASTOR PERRY MS Ext Prof Peanuts

2L L PHILLIPS PhD Prof Plant Genet Cotton

12J C RICE PhD Prof Crop Variance Eval

3A B ROGERSON PhD Ext Asst Prof Weed Control 23H F ROSS MS Ext Asst Prof Burley Tobacco

(PO Waynesville) 3A D STUART MS - Ext Prof Com Crop Science-Continued

5D L THOMPSON PhD Prof Crop Brdq Corn

12D H TIMOTHY PhD Prof Plant Genet Forage Grasses

3W G TOOMEY MAgr Ext Asst Prof Cotton

2T W WALDREP PhD Asst Prof Weed Control

12J B WEBER PhD Assoc Prof Weed Control

12E A WERNSMAN PhD Assoc Prof Plant Genet Tobacco

12J A WEYBREW PhD William Neal Reynolds Prof

Biochem Mechanisms Tobacco 12A D WORSHAM PhD Assoc Prof Weed Control

3J C WYNNE MS Instr Crop Brdg Peanuts

7410 Economics (Agr)

123W D TOUSSAINT PhD Prof and Head of Cept

3J G ALLGOOD MA Ext Asst Prof Form Mgt

12A M BEALS Jr AB Instr Econ

1C E RISHOP PhD William Neal Reynolds Prof of Econ and Vice Pres of Univ (PO Chapel Hill)

3R S BOAL MS Ext Assoc Prof Mktg Agencies

12G L BRADFORD PhD Asst Prof Econ

3R C BROOKS PhL Ext Assoc Prof Cotton Mktg

3G L CAPEL PhD Ext Prof in Chg Mktg

12J S CHAPPELL PhD Asst Prof Econ

23W M CROSSWHITE PhD Assoc Prof Form Mat

3H T DANIEL BS Inform Spec

12B L GARDNER PhD Asst Prof Econ

12CHRISTOPHER GREEN PhD Asst Prof Econ

3L H HAMMOND PhD Ext Assoc Prof Mktg

3D G HARWOOD MS Ext Assoc Prof Farm Mgt

12W R HENRY PhD Prof Econ

3H A HOMME MS Ext Assoc Prof Dairy Mktg

12D M HOOVER PnD Prof Econ

12L A IHNEN PhD Assoc Prof Econ

12E F JANSEN Jr PhD Visiting Asst Prof Econ (Peru)

12P R JOHNSON PhD Prof Econ

123E W JONES PhD Assoc Prof Econ

12R A KING PhD Prof Econ

13H L LINER PhD Ext Asst Prof Farm Mat

12C H LITTLE PhD Asst Prof Econometrics

2C Y LIU PhD Asst Prof Econ

12J G MADDOX PhD Prof Econ

23F A MANGUM Jr PhD Asst Prof Econ Devlpmt

12R C MANNING PhD Visiting Asst Prof Econ (Peru)

23G A MATHIA PhD Assoc Prof Econ

2J C MATTHEWS Jr PhD Asst Prof Econ

123D F NEUMAN PhD Asst Prof Econ (Peru)

3T E NICHOLS Jr PhD Ext Assoc Prof Grain Mktg
12E C PASOUR Jr PhD Assoc Prof Econ

12R J PEELER Jr PhD Assoc Prof Floon

12R K PERRIN PhD Asst Prof Econ 12W H PIERCE PhD Prof Emeritus Econ

3E A PROCTOR MS Ext Prof Fruit and Veg Mktg 3C R PUGH PhD Ext Prof in Chy Farm Mgt and

Public Affairs
12G S SANFORD MS Visiting Instr Econ (Peru)

12R A SCHRIMPER PhD Assoc Prof Econ

12J A SEAGRAVES PhD Prof Econ

12R L SIMMONS PhD Prof Econ (Peru)

3P S STONE MS Ext Instr Farm Mgt

SJ G SUTHERLAND PhD Agr Econ

12R L TINNERMEIER PhD Asst Prof Econ (Peru)

3Mrs RUBY P UZZLE BA Ext Asst Prof Consum Mktg

12T D WALLACE PhD Prof Econometrics 3C R WEATHERS MS Ext Prof Form Mgt

3R C WELLS PhD Ext Asst Prof Farm Mat

12D A WEST PhD Asst Prof Econ

Education (Agr)

7420

1J B KIRKLAND PhD Prof Agr Educ and Dean Sch of Educ

1C C SCARBOROUGH EdD Prof Agr Educ and Head of Dept

1H G BEARD EdD Assoc Prof Agr Educ and Sociol IW J BROWN Jr EdD Asst Prof Agr Educ and Asst Dir RCU

1C D BRYANT EdD Asst Prof Agr Educ

1J K COSTER PhD Prof Agr Educ and Dir Center for Occup Educ

1C I JONES EdD Asst Prof Acr Educ

Education (Agr)-Continued

1T R MILLER PhD Assoc Prof Agr Educ 1C H ROGERS EdD Asst Prof Agr Educ

7430 Engineering (Biol and Agr)

123F J HASSLER PhD William Neal Reynolds Prof and Head of Dept

23E O BEASLEY MS Ext Asst Prof Field Crops Mech

12G B BLUM MAE: Assoc Prof Friviron Engin Anim 12H D BOWEN PhD Prof Cotton Mech and Electrostatic

Dusting

5.J W DICKENS MS Assoc Prof Peanut Proc and Mktg

23L B DRIGGERS MS Ext Asst Prof Farmstead Engin

3H M ELLIS BS Ext Prof in Cha of Agr Engin Ext Irrig and Safety

12J M FORE MS Prof Power and Mach

3J W GLOVER BS Ext Asst Prof Field Crops Mech

5A H GRAVES BS Indus Engin Mater Handling Tobacco

2J R HAMMERLE PhD Asst Prof Biomater Properties and Sweetpotato Mech

12R G HOLLMES PhD Asst Prof Brochem Engin
1E L HOWELL MEd Assoc Prof Farm Mech and Power and Mach

2D H HOWELLS MS Prof Dir Water Resources Res Inst

12B K HUANG PhD Assoc Prof Mach Design 12E G HUMPHRIES PhD Assoc Prof Cucumber Mech

12W H JOHNSON PhD Assoc Prof Tobacco Curing

12G J KRIZ PhD Assoc Prof Drain and Irrig 12D A LINK PhD Assoc Prof Syst Engin

12W F McCLURE PhD Asst Prof Instrumentation and Crop Proc

12D L ROBERTS MS Instr Human Engin

3R E SNEED BS Ext Instr Irrig and Drain

3E M STALLINGS MS Ext Asst Prof Rural Civ Def 12C W SUGGS PhD Prof Tobacco Mech and Human Engin

3W C WARRICK BS Ext Assoc Prof Rural Housing
23R W WATKINS MS Ext Asst Prof Crop Proc

12J W WEAVER Jr BS Prof Proc Engin 5T B WHITAKER PhD Asst Prof Peanut Proc and Mkta

5C R WILLEY PhD Asst Prof Soil Phys

5R E WILLIAMSON PhD Assoc Prof Plant Physiol

12E H WISER PhD Assoc Prof Watershed Hydrol

12J H YOUNG PhD Asst Prof Peanut Proc and Mkta

7440 Entomology 123K L KNIGHT PhD Prof and Head of Dept Med and Tax

Ent

12R C AXTELL PhD Assoc Prof Med and Vet Ent 2J R BRADLEY PhD Asst Prof Cotton Ins

12C H BRETT PhD Prof Veg Ins 2W M BROOKS PhD Asst Prof Ins Path

12W V CAMPBELL PhD Assoc Prof Forage Crop Ins

7A L CHASSON MD Adjunct Assoc Prof Path

5E W CLARK PhD Adjunct Assoc Prof Ins Physiol

12W C DAUTERMAN PhD Assoc Prof Pesticide Metabolism

3J M FALTER PhD Ext Assoc Prof Field and Fruit Crops

12M H FARRIER PhD Assoc Prof Forest Ins and Acarol

12F E GUTHRIE PhD Prof Insecticide Resistance 12ERNEST HODGSON PhD Prof Ins Phospholipids

2M D JACKSON MS Instr Anal and Methods

12W J MISTRIC PhD Prof Tobacco Ins 12H B MOORE Jr PhD Assoc Prof Wood Pests

12H H NEUNZIG PhD Prof Biol

12R L RABB PhD Prof Tobacco Ins

23R L ROBERTSON MS Ext Assoc Prof Crop and Ornam Pests

2G C ROCK PhD Asst Prof Apple Ins

5LOUISE M RUSSELL MS Adjunct Prof Ins Identification

5R I SAILER PhD Adjunct Prof Ins Identification

3H E SCOTT PhD Assoc Prof Ext Pesticides Veq 4-H 2T J SHEETS PhD Assoc Prof Pesticide Residues

2C F SMITH PhD Prof Aphid Taxon

2J W SMITH MS Instr Anal and Methods 3G T WEEKMAN PhD Assoc Prof in Chg Ent Ext

5D L WRAY Jr PhD Adjunct Prof Tax Ent

Entomology-Continued

12C G WRIGHT PhD Assoc Prof Household Pests
2R T YAMAMOTO PhD Assoc Prof Ins Nutr and Behavior

12D A YOUNG PhD Prof Homoptera Taxon

# Extension Service

7450

SUPERVISORS

5W G ANDREWS PhD Dist Ext Chmn 3Mrs HELEN BRANFORD MS Dist Home Econ Agt 3Mrs ADA DALLA-POZZA MS Dist Home Econ Agt 3G C DOBBINS MS Dist Ext Chinn 3L R JOHNSON BS Dist Agr Agt 3H M McNEILL PhD Dist Agr Agt 3M F. HOLLOWELL BS Dist Ext Chmn 3Mrs ELIZABETH MELDAU BS Dist Home Econ Agt 3C S MINTZ BS Dist Ext Chmn 3KATHLEEN NELSON PS Dist Home Econ Agt 3E L NORTON BS Dist Ext Chmn 3Mrs JOSEPHINE PATTERSON MS Dist Home Econ Agt 3J E PILAND BS Dist Ext Chmn 3D D ROBINSON MS Test Demon Supvr 3Mrs CAROLYN C RUSSELL BS Dist Home Econ Agt 3J A SPAULDING MS Dist Agr Agt 3Mrs MYRLE L SWICEGOOD MS Dist Home Econ Agt

### 4-H CLUB

3W C COOPER MS 4-H Spec
3LYMAN DIXON ES 4-H Spec
3W M GARMON MS 4-H Spec
3DAN F HOLLEH ES 4-H Spec
3CLED JONES MS 4-H Spec
3PAULINE MOORE MS 4-H Spec
3MARY SUE MOSER BS 4-H Spec
3W MYNE SMITH MS 4-H Spec
3WAYNE SMITH MS 4-H Spec
3FRED WAGONER BS 4-H Spec

### HOME ECONOMICS

3DOROTHY L BARRIER BS Ext Cloth Spec
3Mrs CHARLENE BHELSFORD MA Ext Nutr Spec
3ISABELLE BUCKLEY BS Ext Aging Spec
3Mrs MARJORIE DONNELLY MS In Chg Ext Foods and
Nutr

3Mrs GENEVIEVE GREENLEE MS Ext Housing and House Furn Spec 3LEO HAWKINS BA BD Ext Fam Relat Spec

3LEC HAWKINS BA BD Ext Fam Helat Spec 3THELMA HINSON MS Spec in Chg Ext Home Mat 3FHANCES JOHDAN MS Spec In Chg Ext Fam Relat 3MARY EM LEE MS Ext Cloth Spec

3Mrs LILLIE B LITTLE MS Ext Housing and House Furn Spec

3Mrs FOITH B McGLAMERY BS Fxt Housing and House Furn Spec

3Mrs KATHY M McLAUGHLIN BS Ext Foods and Nutr Spec

3Mrs RUBY T MILLER MS Spec In Chg Ext Cloth 3NITA ORR BS Ext Frozen Foods Spec 3IOLA PRITCHARD MS Ext Food Conserv and Mktg Spec 3Mrs BESSIE B RAMSEUR MA Ext Nutr and Food Conserv Spec

3Mrs JUSTINE ROZIER MS Ext Home Mgt Spec 3MARJORIE 3HEARIN MS Ext Creative Crafts Spec 3CHARLOTTE WOMBLEMS In Chg Ext Housing and House Furn

## ADULT EDUCATION

3R J DOLAN PhD Prof 3C M FERGUSON MS Visiting Prof 3Mrs EMILY H QUINN PhD Prof 3GEORGE, RUSSELL PhD Asst Prof 3F S SLOAN BS Prof

### Food Science

7460

123W M ROBERTS PhD Prof and Head of Dept 12L W AURAND PhD Prof Food Chem 5T A BELL MS Prof Food Fermentation 12T N BLUMER PhD Prof Meat Prods

### Food Sience-Continued

13R E CARAWAN Ext Spec Food Engin 2D E CARROLL Jr PhD Asst Prof Fruits and Veg Proc 3J A CHRISTIAN MS Ext Prof Meat Prods 2W Y COBB PhD Asst Prof Peanut Prods 2R A COWMAN PhD Asst Prof Food Microbiol 2R S DAHIYA PhD Asst Prof Food Microbiol 25J L ETCHLLLS PhD Prof Food Fermentation 5H P FLEMING PhD Asst Prof Food Fermentation 12DANIEL FROMM PhD Prof Poultry Prods
2S E GILLILAND PhD Asst Prof Food Microbiol
123M E GREGORY PhD Ext Assoc Prof Dairy Prods 2M W HOOVER PhD Prof Fruits and Veg Proc 12I D JONES PhD Prof Food Chem 12V A JONES PhD Assoc Prof Food Engin 3N C MILLER MS Ext Assoc Prof Fruit and Veg Prods 5A E PURCELL PhD Assoc Prof Fruits and Veg 12M L SPECK PhD William Neal Reynolds Prof Food Microbiol 12H E SWAISGOOD PhD Assoc Prof Food Chem 23F R TARVER PhD Ext Assoc Prof Poultry Prods 4F B THOMAS PhD Ext Prof Seafood Prods 5W M WALTER PhD Asst Prof Fruits and Veg 12F G WARREN PhD Prof Dairy Prods 2N B WELLS PhD Assoc Prof Seafood Prods

### Forest Resources

7470

12R J PRESTON Jr PhD Prof and Head of Dept and Dean of Sch of For Res 1R J ANDREWS MA Adjunct Prof Recreation 1K A ARGROW MS Instr For 12A C BAREFOOT DF Prof for Prods
1J H BRENDLE Jr MS Adjunct Prof Recreation 12 WYN EROWN PhD Assoc Prof Wood Chem 12R C BRYANT PhD Prof For 1R M CARTER MS Prof For Prod 1E W CLARK PhD Adjunct Assoc Prof For 3R S DOUGLASS MF Ext Spec For Mgt
12J W DUFFIELD PhD Prof Silvic 12E L ELLWOOD PhD Prof For Prods 3H M FIELDS MS Ext Wildlife Spec 12R C GILMORE MWT Asst Prof For Prod 12W L HAFLEY PhD Assoc Prof For 3WAYNE HAINES MS Ext For Mktg Spec For Prods 1G A HAMMON BS Assoc Prof Recreation 3LEONARD HAMPTON BS Ext For Spec For Mgt 3S J HANOVER MS Ext Spec Wood Prods 12C A HART PhD Assoc Prof For Prod 1G H HEPTING PhD Adjunct Prof For 1T I HINES MA Prof Recreation 12R G HITCHINGS MF Prof For Prods 3L H HOBBS BS Ext For Mktg Spec For Prods 12Y W HSU PhD Asst Prof For Prods 3W T HUXSTER MWT Ext Spec For Prods 2J W JOHNSON BSF Instr For 3E M JONES MS Ext Spec Silvic 3J C JONES MF Ext For Spec For Mgt 3W M KELLER MF In Chg For Ext 2R C KELLISON MS Instr For Brdg 23W E KEPPLER BS Ext Spec For Prod 1J W KOENIGS PhD Adjunct Asst Prof For 12K P KRINGSTAD PhD Assoc Prof Wood Chem 1E G KUHLMAN PhD Adjunct Asst Prof For 12J O LAMMI PhD Prof For 12C G LANDES ChE Assoc Prof For Prods 5THOMAS LLOYD MS Instr For 12T E MAKI PhD Prof Silvic 2R L McELWEE MS Instr For Brdg 12SAM MERCER AS Instr For 7L J METZ PhD Adjunct Prof For 1L L MILLER MA Assoc Prof Recreation 1J H MOSES MS Adjunct Asst Prof Recreation 3A G MULLIN LS Txt Spec For Prod 12T O PERRY PhD Assoc Prof For Brdq 1T H RIPLEY PhD Adjunct Prof Recreation 2J H ROBERDS MS Instr For Brdq 12C N ROGERS BS Assoc Prof For Prods 12L C SAYLOR PhD Asst to Dean and Assoc Prof For Brda

### Forest Resources-Continued

5H T SCHREUDER PhD Instr For

7W R SMITH BS Adjunct Prof For Prods

12A J STAMM PhD Prof Emeritus Wood Chem
3W M STANTON MF Ext For Spec For Mgt
12D H J STEENSEN PhD Asst Prof For

1R E STERNLOFF PhD Asst Prof Recreation

1J S STEVENS MA Adjunct Assoc Prof Recreation 1E F STONE BSLA Adjunct Asst Prof Recreation

7R W STONE CYPHER PhD Adjunct Asst Prof For

1C C STOTT MS Assoc Prof Recreation
7S K SUDDARTH PhD Adjunct Prof For Prods

5B F SWINDEL PhD Asst Prof For

12R J THOMAS DF Assoc Prof For Prod

1M R WARREN Jr MS Instr Recreation

1C G WELLS PhD Adjunct Assoc Prof For

3F E WHITFIELD MS Ext For Spec For Mgt

12B J ZOBEL PhD Prof For Brdg

# 7480

12T J MANN PhD Prof and Head of Dept Genet

1C F. BOSTIAN PhD Prof Human Genet

5L G BURK MS Assoc Prof Cytogenet Nicotiana

2Mrs M PFLUGE GREGORY PhD Assoc Genet Plant Evolution Peanuts

12D S GROSCH PhD Prof Reprod Physiol

12W D HANSON PhD Prof Quant Genet Corn

12F M JOHNSON PhD Asst Prof Biochem Genet Drosophila

12W E KLOOS PhD Asst Prof Microbiol Genet

2C S LEVINGS PhD AssocProf Cytogenet Corn

2D F MATZINGER PhD Prof Quant Genet Tobacco

12L E METTLER PhD Assoc Prof Pop Genet Drosophila

2R H MOLL PhD Prof Quant Genet Corn

12TERUMI MUKAI PhD Assoc Prof Quant Genet Drosophila

5GENE NAMKOONG PhD Assoc Prof Quant Genet For

12H E SCHAFFER PhD Assoc Prof Quant Genet Drosophila

12B W SMITH PhD Prof Cytogenet Rumex

12S G STEPHENS PhD Prof Plant Evolution Cotton

5C W STUBER PhD Asst Prof Quant Genet Corn

2A C TRIANTAPHLLOU PhD Prof Cytogenet Nematodes

### Home Econmics (The Univ of NC at Greensboro) 7490

12NAOMI ALBANESE PhD Prof and Dean of Sch

12JANE H CROW PhD Prof Housing

12Mrs SAVANNAH S DAY PhD Assoc Prof Housing

2Mrs NANCY H HOLMES MS Res Instr Housing

12PAULINE E KEENEY PhD Prof Text

12R H KLEMER PhD Prof Child Devlpmt

12A C MAGEE PhD Prof Nutr

2Mrs SARAH M SHOFFNER Res Instr Child Devlpmt

7500

### Horticultural Science

12C W DONOHO Jr PhD Prof and Head of Dept

12W E BALLINGER PhD Prof Fruit Physiol

3A A BANADYGA MS Ext Prof Veg Crops

3J F BROOKS MS Ext Asst Prof Small Fruits

12T F CANNON PhD Assoc Prof Ornam Crops

12F D COCHRAN PhD Prof Veg Genet

12F E CORRELL MS Assoc Prof Fruit Crops

### 3H M COVINGTON MS Ext Prof Veg Crops

3T W FLOWERS MS Ext Hort Spec

12G J GALLETTA PhD Assoc Prof Fruit Brdg 12M E GARDNER BS Prof Emeritus Gen Hort

23R G HALFACRE PhD Ext Asst Prof Ornom

3J H HARRIS BS Ext Prof in Cha Home Beautification

12F L HAYNES Jr PhD Prof Potato Brdg and Genet

12W R HENDERSON PhD Assoc Prof Veg Brdg

3G R HUGHES MS Ext Instr Veq Crops

2J M JENKINS Jr PhD Prof Plant Brdg (PO Castle Hayne)

3M H KOLBE MS Ext Prof Fruit Crops

2T R KONSLER PhD Assoc Prof Veg Crops (PO Fletcher Rte 2)

5L J KUSHMAN MS Prof Physiol

124R A LARSON PhD Assoc Prof Flor

23J W LOVE PhD Ext Assoc Prof Flor

2R L LOWER PhD Asst Prof Veg Genet

23C M MAINLAND PhD Ext Asst Prof Fruit Crops

12C L McCOMBS PhD Prof Veg Physiol

### Horticultural Science-Continued

12C H MILLER PhD Assoc Prof Veg Nutr 2T J MONACO PhD Asst Prof Weed Sci

12P V NELSON PhD Assoc Prof Flor

2W B NESBITT PhD Asst Prof Fruit Brdg

2D T POPE PhD Prof Sweetpotato Brda

3W W REID BS Ext Asst Prof Veg (PO Plymouth)

3W A SKROCH PhD Ext Assoc Prof Weed Control 12R M SOUTHALL MS Instr Taxon

2V H UNDERWOOD BS Res Instr Fruit Crops

2D C ZEIGER PhD Asst Prof Fruit Nutr

(PO Fletcher Rte 2)

# Microbiology

7505

7510

7520

12J B EVANS PhD Prof and Head of Dept Bact Taxon

12W J DOBROGOSZ PhD Assoc Prof Microbiol Metabolism Metabolism

12G H ELKAN PhD Assoc Prof Bact Physiol

12P B HAMILTON PhD Assoc Prof Microbiol Toxicol
12H C MONOCHA PhD Asst Prof Virol

12J J PERRY PhD Assoc Prof Microbiol Physiol

### Plant Pathology

123D E ELLIS PhD Prof and Head of Dept Veg Dis

3C W AVERRE III PhD Ext Asst Prof Veg Dis

2ROBERT AYCOCK PhD Prof Floral Crop Dis

2K R BARKER PhD Assoc Prof Nematode Dis

23M K BEUTE PhD Ext and Fes Asst Prof Floral Crops Dis (PO Castle Hayne)

12C N CLAYTON PhD Prof Fruit Dis

2W E COOPER PhD Prof Peanut Dis

12E B COWLING PhD Prof For Path

2C B DAVEY PhD Prof Soilborne Dis

3H E DUNCAN PhD Ext Asst Prof Veq Dis

24EDDIE ECHANDI PhD Prof Bean Dis (Peru)

3H R GARRISS MS Ext Prof Path

2G V GOODING Jr PhD Assoc Prof Tobacco Virol

2L F GRAND PhD Asst Prof For Path

12T T HEBERT PhD Prof Plant Virol

5G H HEPTING PhD Adjunct Prof For Path
25C S HODGES Jr PhD Assoc Prof For Path

2DONALD HUISINGH PhD Assoc Prof Bacterial Dis

12S F JENKINS Jr PhD Assoc Prof Veg Dis

125D M KLINE PhD Prof Cereal Dis

25J W KOENIGS PhD Adjunct Asst Prof For Path

25E G KUHLMAN PhD Adjunct Asst Prof For Path 25C W LAUGHLIN PhD Asst Prof Soybean Nematol

25K J LEONARD PhD Asst Prof Corn Dis

12G B LUCAS PhD Prof Tobacco Dis

2L. T LUCAS PhD Asst Prof Forage Crop Dis

2C E MAIN PhD Asst Prof Tobacco Dis

2R D MILHOLLAND PhD Assoc Prof Blueberry Dis (PO Castle Havne)

12R T MOORE PhD Asst Prof Mycol

2L W NIELSEN PhD Prof Sweetpotato Dis

12C J NUSBAUM PhD William Neal Reynolds Prof Tobacco Dis

6R G OWENS PhD Chief of Cell Biol Environ Health Center HEW and Adjunct Prof Plant Path

25L H PERSON PhD Res Assoc Prof Epidemiol

12N T POWELL PhD Prof Tobacco Dis

25J P ROSS PhD Prof Soybean Dis 12J N SASSER PhD Prof Nematode Dis

25R T SHERWOOD PhD Prof Forage Crop Dis

25H W SPURR Jr PhD Res Assoc Prof Tobacco Dis (PO Oxford)

2D L STRIDER PhD Res Assoc Prof Veg Dis (PO Fletcher Rte 2)

23F A TODD BS Ext Prof Tobacco Dis 12Mrs HEDWIG H TRIANTAPHYLLOU PhD Prof Nematode

Morphol 2F L WFLLMAN PhD Visiting Prof Tropical Phytopath

3J C WELLS MSA Ext Prof Path

25R E WELLTY PhD Asst Prof Tobacco Dis

## Positry Science

2W L BLOW PhD Assoc Prof Genet 123H L BUMGARDENER PLD Prof Physiol

2F W COOK PhD Assoc Prof Emeritus Physiol 12F B CRAIG DVM Prof Path

### Poultry Science-Continued

- 12W E DONALDSON PhD Prof Nutr
- 12J D GARLICH PhD Asst Prof Nutr
- 2P B HAMILTON PhD Assoc Prof Microbiol
- 23J R HARRIS DVM Ext Prof Path
- 2C H HILL PhD Prof Nutr
- 3G A MARTIN PhD Ext Assoc Prof Genet 3W C MILLS Jr PhD Ext Prof Genet
- 3T B MORRIS MS Ext Assoc Prof Genet
- 3C F PARRISH BS Prof Emeritus
- 2D D PATE DVM Asst Prof Microbiol 23 W L PAYNE PhD Asst Prof Nutr
- 12W R PRINCE PhD Asst Prof Physiol
- 3J B WARD PhD Ext Assoc Prof Nutr

## Sociology and Anthropology

7530

123S C MAYO PhD Prof and Head of Dept Community Devipmt

- 3J N COLLINS BS Ext Instr Community Devlpmt
- 3J W CRAWFORD BS Ext Prof Community Devlpmt
- 12A C DAVIS PhD Asst Prof Complex Organ 13J D GEORGE PhD Ext Prof Community Devlpmt
- 124C H HAMILTON PhD Prof Demography and Social Statis
- 3V E HAMILTON MS Ext Instr Community Devlpmt
- 3T N HOBGOOD Jr MS Ext Asst Prof Community Devlomt
- 12G C McCANN PhD Prof Social Psychol
- 3P P THOMPSON MS Ext Instr Community Devlpmt 3MANFRED THULLEN PhD Ext Asst Prof Community
- 1J N YOUNG PhD Assoc Prof Social Leadership

### Soil Science

7540

- 123R J McCRACKEN PhD Prof and Head of Dept
- 23L E AULL MS Res Assoc Soil Genesis Classif
- 3J V BAIRD PhD Ext Prof Fert Mat
  3J S BARNES MS Instr Fert Mat (PO Plymouth)
- 12W V BARTHOLOMEW PhD Prof Soil Bact and InternatI Soil Testing Proj
- 2C P BICKFORD MS Instr Fert Mat Internatl Soil Testing Proi
- 12S W BUOL PhD Assoc Prof Soil Genesis Classif
- 2h B CATE Jr MS Visiting Assoc Prof Internati Soil Testing Proj
- 12M G COOK PhD Assoc Prof Soil Mineral
- 2F R COX PhD Assoc Prof Fert Mgt
- 12G A CUMMINGS PhD Assoc Prof Fert Mat
- 5R B DANIFLS PhD Soil Genesis Classif and Mapping
- 12C B DAVEY PhD Prof For Soils
- 2J F DOGGETT BS Assoc Prof Fert Mat (Peru)
- 2R H FOX PhD Asst Prof Fert Mat (Peru)
- 5E E GAMBLE PhD Soil Genesis Classif and Mapping
- 12J W GILLIAM PhD Asst Prof Soil Chem
  2A H HUNTER PhD Visiting Assoc Prof Internati Soil Testing Pro
- 12W A JACKSON PhD Prof Mineral Nutr
- 12E J KAMPRATH PhD Prof Fert Mqt
- 2J P LIT.LY MS Res Asst Fert Mat (PO Castle Hayne)
  12J F LUTZ PhD Prof Soil Phys
- 2C K MARTIN PhD Asst Prof Fert Mgt 2C B McCANTS PhD Prof Fert Mgt
- 2R E McCOLLUM PhD Assoc Prof Fert Mat
- 2C L MULCHI MS Instr Mineral Nutr
- 2G F PEEDIN MS Hes Asst Soil Fert Mgt 20 D PHILEN BS Res Asst Soil Chem
- 3J A PHILLIPS PhD Ext Assoc Prof Soil Mat
- 26P H REID PhD Prof Fert Mgt and Dir Soil Testing Lab 2P A SANCHEZ PhD Visiting Asst Prof Pert Mqt (Peru)
- 2J E SHELTON PhD Asst Prof Fert Mgt (PO Fletcher Rte 2)
- 12C D SOPHER MS Instr Soil Mgt
- 2R B STRYKER MS Res Asst Soil Chem
- 3D L TERRY PhD Ext Asst Prof Fert Mgt
- 2T R C TONKINSON MS Instr Radioisotope Lab
- 12R J VOLK PhD Prof Mineral Nutr
- 2J L WALKER PhD Visiting Assoc Prof Internatl Soil Testing Proj

### Soil Science-Continued

- 2D L WAUGH PhD Visiting Assoc Prof Internatl Soil Testing Proj

- 12S & WEED PhD Prof Soil Chem
  2W G WOLTZ PhD Prof Fert Mgt
  2W W WOODHOUSE Jr PhD Prof Fert Mgt Forages
- Statistics (Expt) (Sch of Phys Sci and Applied Math) 7550
  - 12D D MASON PhD Prof and Head of Dept Design and Angl Expt
  - 1ALFONSO ANGELONE MS Res Assoc Bioinstrument-
  - 12A J BARR MS Res Asst Technol Digital Computer
  - 1B B BHATTACHARYYA PhD Assoc Prof Econometrics 1B J CERIMELE PhD Asst Prof Biomath
  - IMrs MONICA L CHANG PhD Asst Prof Stochastic Proc
  - 1J L CHRISTOPHER BS Res Asst Computer Prog 12C C COCKERHAM PhD Prof Statis Genet

  - 1R P GECKLER PhD Res Assoc Expt Ecol 1H J GOLD PhD Assoc Prof Math Biochem

  - 2M M GOODMAN PhD Asst Prof Statis Genet
    1JOHN GRAHAM PhD Res Assoc Entomol
  - 1A H E GRANDAGE PhD Prof Est and Test Parameter 1E K GREENWALD PhD Asst Prof Biophys

  - 1R J HADER PhD Prof Design and Anal Expt
    2E K HAMANN MS Assoc Statis Design and Anal Expt
    12D W HAYNE PhD Prof Quant Ecol and Wildlife Statis
    1L J HERBST PhD Assoc Prof Time Series Anal
  - 2H J KIRK MS Asst Statis Computer Prog
  - 12A C LINNERUD PhD Asst Prof Statis in Anim Sci
  - 12C H LITTLE PhD Asst Prof Econometrics
  - 12H L LUCAS PhD Prof Design and Anal Expt
  - 1D C MARTIN PhD Assoc Statis Statis Methods and Computer Sci
  - 15 E MASON MSA Asst Statis Statis in Quant Ecol 1F E McVAY PhD Prof Anal Statis

  - 12R J MONROE PhD Prof Design and Anal Expt
  - 12L A NELSON PhD Assoc Prof Design and Anal Expt 12C H PROCTOR PhD Prof Surv Theory and Methods
  - 1C P QUESENBERRY PhD Assoc Prof Nonparametric Statis
  - 12J O RAWLINGS PhD Prof Statis Genet 1D L RIDGWAY PhD Prof Biophys
  - 1R W STACY PhD Prof Biomath and Biophys
  - 1R G D STEEL PhD Prof Design and Anal Expt
  - 1B J STINES MS Assoc Statis Surv Methods
  - 1R TEICHMAN PhD Assoc Prof Statis in Anim Sci
  - 1D W TURNER BS Asst Statis Statis in Quant Ecol 1H H VAN DER VAART PhD Prof Math Applied to Statis Biol Problems
  - 12F J VERLINDEN MS Senior Res Technol Digital Computer
  - 12J A WARREN PhD Assoc Prof Design and Anal Expt
  - 1J L WASIK PhD Asst Prof Educ Statis
  - 1PHYLLIS A WEBB MES Asst Statis Computer Prog 1MARY B WILLIAMS PhD Asst Prof Blomath
  - 1N F WILLIAMSON MS Res Assoc Biomath

7560 Zoology

- 12D E DAVIS PhD Prof and Head of Dept Behavior 6J W ANGELOVIC PhD Adjunct Asst Prof Physiol E∞l (Coop USDI)
- 12F S BARKALOW PhD Prof Mammal
- 12Mrs PHYLLIS C BRADBURY PhD Asst Prof Protozool
- 6T M DUKE PhD Adjunct Assoc Prof Marine Biol (Coop HSDI)
- 3H M FIELDS BS Ext Wildlife Spec Mgt
- 6J P HARDISTER MS Rodent Control (Coop USDI)
- 12REINARD HARKEMA PhD Prof Parasitol
- 12W W HASSLER PhD Prof Ichthyol 6F E HESTER PhD Assoc Prof Fishery Biol (Coop (ICSI)
- 12J E HOBBIE PhD Assoc Prof Limnol
- 12D B HORTON PhD Asst Prof Marine Biol
- 6D H K LEE PhD Adjunct Prof Vertebrate Physiol
- 12B S MARTOF PhD Prof Vertebrate Zool
- 12G C MILLER PhD Assoc Prof Parasitol
- 12Mrs NANCY SMUELLER PhD Asst Prof Embryol 6B D NELSON PhD Adjunct Asst Prof Cellular Physiol 6MICHAEL POTTER MD Adjunct Prof Cell Biol

Zoology-Continued	13B C WEBB PhD Dean Sch of Agr (Tel 919-273	-1773
12T L QUAY PhD Prof Ornithol 6T R RICE PhD Adjunct Prof Marine Radiobiol (PO Beaufort) (Coop USDI)	Ext 233)  3R E JUNES MS Dir of Ext (Tel 919-274-4696)  Animal Industry	7610
12J F ROBERTS PhD Asst Prof Cellular Physiol	1W L KENNEDY PhD Chmn	
12D E SMITH PhD Assoc Prof Cellular Physiol	1T BREWER MS Asst Prof	
12W F STANDAERT PhD Asst Prof Ecol 12A M STUART PhD Assoc Prof Behavior of	1A CHAPPELL MS Instr	
Invertebrates	1J E GRIER MS Asst Prof	
6J G VANDENBERGH PhD Adjunct Asst Prof Behavior	14A S TOTTEN MS Assoc Prof 3R L WYNN Dairy Spec	
of Vertebrates	Sit E WINN Duny Spec	
43 B WILLIAMS PhD Adjunct Asst Prof Marine Ecol		
(Coop USDI)	Biology	7620
6P N WITT MD Adjunct Prof Behavior	1A P GRAVES PhD Chmn	
6D A WOLFE PhD Adjunct Asst Prof Marine Biogeo-	1NOAH BROWN MS Instr	
chem	1Mrs ELIZABETH D CLARK MS Asst Instr	
	IALFRED HILL PhD Prof	
Research Stations 7570	1EUGENE MARROW PhD Prof	
26C D THOMAS MS Dir of Div of Res Sta(s)	1 T McFADDEN MS Asst Prof	
2S Y ADCOCK BS Agr Engin	1W H MITCHELL MA Instr	
2L W HEDSPETH BS Agr Engin	1Mrs ALFREDA J WEBB DVM MS Prof 1J A WILLIAMS PhD Prof	
6P H KELLEY MS Admin Off (Under State Dept Agr)	13 A WILLIAMS FILE FIGI	
D. L. D. L. T. J. D. C. (DO MI) 21 A		
Border Belt Tobacco Res Sta (PO Whiteville)  6W J DICKENS BS Supt (Under State Dept Agr)	Chemistry	7630
Central Crops Res Sta (PO Clayton)	1JAMES PENDERGRAST PhD Actg Chmn	
2W C ALLSBROOK Supt	6R S BEALE PhD Prof	
Coastal Plain Res Sta (PO Willard)	14EVANS BOOKER MS Asst Prof	
6J W SUMNER BS Supt (Under State Dept Agr)	1F W BROWN PhD Prof	
Fort Crops Res Sta (PO Castle Hayne)	INAITER M CHOPRA PhD Prof	
2J M JENKINS Jr PhD Supt and Res Prof	1C O HIGGINEOTHAM MS Instr	
Lower Coastal Plain Tobacco Res Sta (PO Kinston)	14Mrs GLADYS W ROYAL PhD Prof 1A M STEVENS MS Assoc Prof	
2S T RARNES BS Supt	1WALTER SULLIVAN PhD Prof	
Mt Hort Crops Res Sta (PO Fletcher)	14W G WRIGHT MS Asst Prof	
2H E BLACKWELL BS Supt		
Mt Res Sta (PO Waynesville)  6J R EDWARDS MS Supt (Under State Dept Agr)		
Oxford Tobacco Res Sta (PO Oxford)	Economics (Agr)	7635
6BN AYSCUE BS Supt (Under State Dept Agr)	1H F ROBINSON PhD Chmn	
Peanut Belt Res Sta (PO Lewiston)	1B G COLEY MS Asst Prof	
6WRBAKER JrBS Supt (Under State Dept Agr)	6B W HARRIS MS Asst Prof	
Piedmont Res Sta (PO Salisbury)	6F A WILLIAMS PhD Prof	
6C Z McSWAIN Jr BS Supt (Under State Dept Agr)		
Sandhills Res Sta (PO Jackson Springs)	Education (Agr)	7640
2C S BLACK MS Supt	1C E DEAN MS Prof and Chmn	7040
Tidewater Res Sta (PO Plymouth)	1A P BELL PhD Assoc Prof	
6J W SMITH BS Supt (Under State Dept Agr) Upper Coastal Plain Res Sta (PO Rocky Mount)	6G F RANKIN EdD Prof	
6W H BAILEY BS Supt (Under State Dept Agr)		
Upper Mt Res Sta (PO Laurel Springs)		
6D F TUGMAN BS Supt (Under State Dept Agr)	Home Economics	7645
Upper Piedmont Res Sta (PO Reidsville)	1Mrs CLARA V EVANS MS Chmn	
2H O GENTRY Jr BS Supt	34Mrs HELEN BRANFORD Dist Home Econ Agt	
	1Mrs ANN L DAVIS MS Assoc Prof	
Miscellaneous 7575	1Mrs LAMYRA H DAVIS PhD Asst Prof 14Mrs CECILE H EDWARDS PhD Prof	
2R J DOWNS PhD Dir Southeastern Plant Environ Labs	6SEETHA GANAPATHY PhD Home Econ Res	
and Prof Bot	3Mrs GENEVIEVE K GREENLEE Home Econ Sp	20
2J W FITTS PhD Dir Internatl Soil Testing Prog and	1Mrs E BERNICE JOHNSON MS Asst Prof	
Prof Soil Sci	14Mrs EVELYN G JONES MS Asst Prof	
26A V HARDY MS Climatol (Coop USDC)	3Mrs JOSEPHINE W PATTERSON Dist Home Eco	on Agt
2CARMEN MARIN LS Dir Tobacco Lit Serv 2H V MARSHALL Jr BS Supt Univ Farms	1KATRINA PORCHER MA Asst Prof	
ZII V MANONALL 31 DS Supt Oniv I dinis	3Mrs BESSIE B RAMSEUR Home Econ Spec	
School of Agriculture and the Agricultural Extension	14MYRTLE L SMITH MS Instr	
Service of the North Carolina Agricultural and Technical	1Mrs E K VEREEN Instr	
State University, Greensboro 27411	1Mrs KATYE G WATSON MEd Instr	
.0.11 0.11 -0.11 0.11 0.11		
1College Staff 2Station Staff 3Extension Staff	Plant Science and Technology	7650
4Leave of Absence 5Coop USDA 6Part-time College Staff	1S J DUNN PhD Chmn	
D. C.	1E S CARR BS Instr	
7580	3T W FLOWERS Ext Hort Spec	
13L C DOWDY LittD Pres (Tel 919-273-1773 Ext 314)		
1C F ANKIN EdD Dean of Academic Affairs (Tel 919- 273-1773 Ext 277)		

# Plant Science and Technology—Continued

IC A FOUNTAIN PhD Prof 1J W R GRANDY BS Instr 3S J HODGES Agron Spec 1M P MCCLEAVE MS Instr 6B C WEBB PhD Prof IL A YATES MS Instr

Miscellaneous

7660

34Mrs MINNIE M BROWN Asst State Home Fcon Agt 3W C COOPER MS 4-H Spec

6W T ELLIS MS Supvr Vocat Aur 6H A JOHNSON MS Supt Col Forms

3L R JOHNSON Dist Agr Agt 6W T JOHNSON MS Supvr Vocat Aar 3H M McNEILL Dist Agr Agt

3J A SPAULDING Dist Agr Agt

## NORTH DAKOTA

College of Agriculture, the Agricultural Experiment Station, and the Cooperative Extension Service of the North Dakota State University of Agriculture and Applied Science, State University Station, Fargo (Freight and exp address, Fargo 58102)

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc

7670

123L D LOFTSGARD PhD Pres of Univ (701-237-7211) 12A G HAZEN MS Dean of Agr and Dir of Sta (701-237-7654)

12JA CALLENBACH PhD Assoc Dean and Assoc Dir 12P A NYSTUEN MS Asst Dean and Asst Dir 2MARY E FIELDS Admin Asst to Dir 3A H SCHULZ MS Dean of Ext (701-237-7755) 1H D STOCKMAN MSBA Comptroller LEDYTHE L TORING Bus Mor IR J CORLISS BS Asst Bus Mgr

7680

12JF CARTER PhD Prof and Chmn of Dept 2A R BELL MS Instr

12R E BOTHUN PhD Assoc Prof Plant Brdq 12D C EBELTOFT MS Asst Prof Seed Stocks

12R H BUSCH PhD Asst Prof 12A E FOSTER PhD Assoc Prof Plant Brdg 12R C FROHBERG PhD Asst Prof Plant Brda

3L A JENSEN BS Prof Agron

25L R JOPPA PhD Asst Prof Genet

12K L LARSON PhD Assoc Prof Forage Crops

25K L LEBSOCK PhD Prof Agron

2K A LUCKEN PhD Asst Prof Plant Brdg 12H R LUND PhD Assoc Prof Plant Brdg

12S S MAAN PhD Asst Prof Cytogenet

3L W MITICH PhD Assoc Prof Agron 12J D NALEWAJA PhD Assoc Prof Weed

12G A PETERSON PhD Prof Plant Brdg

12P C SANDAL PhD Prof Plant Brdg 12A B SCHOOLER PhD Assoc Prof Cytogenet

3G H SMITH MS Assoc Prof Sugarbeet Spec 12G S SMITH PhD Prof and Dean of Grad Sch Plant Brdg

2C M SWALLERS MS Asst Prof Crop Prod

12D A WHITED PhD Asst Prof

2WILLIAM WIIDAKAS MS Assoc Prof Plant Brda

25N D WILLIAMS PhD Prof Genet

7690 Animal Science

12M L BUCHANAN MS Prof and Chmn of Dept

25P W ASCHBACHER PhD Assoc Prof 12L D BECK MS Asst Prof Dairy 2P T BERG MS Instr

12R B DANIELSON BS Instr Beef

25K L DAVISON PhD Asst Prof 12W E DINUSSON PhD Prof Anim Nutr 12C G EDGERLY MS Assoc Prof Dairy

Animal Science-Continued

12D O ERICKSON PhD Assoc Prof Anim Nutr

12T C FALLER BS Instr 3G R FISHER PhD Assoc Prof Dairy

12R L HARROLD PhD Asst Prof 12C N HAUGSE MS Asst Prof Statis

12CHRIS JENSEN PhD Prof Dairy

12D T JENSEN BS Instr 12J N JOHNSON MS Asst Prof Swine 3L J JOHNSON PhD Asst Prof Anim Husb

12R L JOHNSON PS Instr

12V K JOHNSON PhD Assoc Prof Meats

3M A KIRKEIDE MS Assoc Prof Anim Husb 12R D KNUTSON MS Asst Prof Beef Cattle

12M R LIGHT MS Assoc Prof Sheep

12M J MARCHELLO PhD Asst Prof

3H J McLEOD MS Assoc Prof Dairy Mkta Econ

3I J MORK BS Assoc Prof Poultryman

25J C PEKAS PhD Asst Prof

12R J ROSE MS Asst Prof Poultry

12J L SELL PhD Prof Poultry
3G E STRUM MS Prof Anim Husb

25E J THACKER PhD Prof Physiol

12J E TILTON PhD Assoc Prof Physiol

77.30 Bacteriology 12J L PARSONS PhD Prof and Chmn of Dept

12Mrs MARY E BROMEL PhD Assoc Prof

12J A DOUBLY MS Asst Prof 12B R FUNKE PhD Asst Prof

2MARIE A PETERMANN MS Asst Prof 12B P SLEEPER PhD Prof

Biochemistry

7740

7750

7760

12H J KLOSTERMAN PhD Prof and Chmn of Dept

25J E BAKKE PhD Asst Prof Biochem 12ESTHER BLASL BS Asst Agr Chem

12A G FISCHER PhD Asst Prof 12J R FLEEKER PhD Asst Prof

25D S FREAR PhD Assoc Prof Biochem

12GEORGE GRAF PhD Assoc Prof 25D R NELSON PhD Asst Prof Biochem

25RUSSELL PRESSEY PhD Asst Prof Biochem

25J D ROBBINS PhD Asst Prof Chem

25D C ZIMMERMAN PhD Chem

Botany

12W C WHITMAN PhD Prof and Chmn of Dept 12M E DUYSEN PhD Asst Prof

12HAROLD GOETZ MS Asst Prof

3K W HARMON MS Asst Prof Wildlife Mat

Cereal Chemistry and Technology

12K AGILLES PhD Prof and Chmn of Dept 20 J BANASIK MS Assoc Prof

12B L D'APPOLONIA PhD Asst Prof

12C E McDONALD PhD Assoc Prof

25W C SHUEY MS Res Technol

2L D SIBBITT Assoc Prof 2D E WALSH MS Instr

25V L YOUNGS PhD Asst Prof

Economics (Agr)

7770

12F R TAYLOR PhD Prof and Chmn of Dept 12D E ANDERSON PhD Asst Prof Crops Mktq

12D O ANDERSON PhD Assoc Prof Prod and Resource

Econ

3R A ANDERSON MS Assoc Prof Farm Mgt Econ

12D W COBIA PhD Asst Prof

2R W COX PhD Prof Mktg

3N A DOROW PhD Prof Econ Public Affairs

12E V DUNN MS Asst Prof

12G W ERLANDSON PhD Asst Prof

3R S FENWICK MS Assoc Prof Livestock Mktg Econ

2R G FRAASE MS Asst Prof

25C J HELTEMES BA Agr Statis

12T A HERTSGAARD PhD Assoc Prof Resource Devlomt

12J E JOHNSON MS Asst Prof Land and Water Econ

12R G JOHNSON PhD Assoc Prof

25WALLACE McMARTIN MS Agr Econ

Economics (Agr)-Continued	Home Economics (Col of Home Econ)-Continued	
7D C NELSON PhD Assoc Prof Dir Transp Inst	1Mrs MYRTLE CHALLEY MS Asst Prof Foods and	i
12C E OLSEN PhD Asst Prof	Nutr	
12T K OSTENSON MS Asst Prof Agr Taxation	1Mrs LOIS FISHER MS Spec Instr Art	
3W W OWENS MS Assoc Prof Resource Econ	1Mrs VIRGINIA S HASSOUN MS Spec Instr Home M	<b>i</b> qt
3B B RICE MS Asst Prof Farm Mgt Econ	1Mrs EDNA HOLM MS Spec Instr Food and Nutr	
2L.W SCHAFFNER MS Asst Prof Farm Mgt	1Mrs PATRICIA S HULL MS Instr Text and Cloth	
3F D SOBERING PhD Prof Form Mgt Econ	12Mrs COILA JANECEK MS Asst Prof Text and Cla	oth
3E C VANGSNESS MS Asst Prof Resource Econ	1MARY A JURCAK BA Instr Art	
	1Mrs DOROTHY A KING BS Instr Child Devlpmt	
25S W VOELKER MS Agr Econ	1Mrs ELINORE KLOTZ MS Instr Home Econ Educ	
25R L VOSSEN BS Asst Statis		
T1 (4.)	1Mrs RUTH KRAFT BS Instr Home Econ Educ	
Education (Agr) 7780	1Mrs BEATRICE LITHERLAND MS Asst Prof Tex	t and
1E L DeALTON MS Prof and Chmn of Dept and State	Cloth	
Supvr of Agr Educ	1MAJORE A LOVERING MA Assoc Prof and State	
1E P ARNTSON BS Asst Prof	Dir of Home Econ Educ	
IW H DOLVE BS Asst Prof and Asst State Supvr of Agr	12Mrs BARBARA NORTH MS Asst Prof F∞d and N	utr
Educ	1MAVIS NYMON PhD Prof and Chan of Foods and	Nutr
1J H O'KEEFFE MS Dir of Supervised Study	1EMILY P REYNOLDS MS Assoc Prof and Chan o	f
1S D OWEN MS Prof and Asst State Supvr of Agr Educ	Dept of Cloth and Text	
	1Mrs ALICE RISING MS Asst Prof Text and Cloth	
Engineering (Agr) 7790	1Mrs JOSEPHINE BARTOW RUUD EdD Prof and	
12W J PROMERSBERGER MS Prof and Chmn of Dept	Chmn of Home Econ Educ	
3P W BREUER MS Asst Prof Civ Def		
12A F BUTCHBAKER PhD Assoc Prof Farm	ILORISSA SHELDON MS Assoc Prof Foods and N	utr
	1Mrs GEORGIA SMITH MS Asst Prof Home Econ	_
Structures 3R H COSSETTE MS Asst Prof Agr Engin	1Mrs RUTH SPIDAHL MS Asst Prof Home Econ Ed	iuc
	and Asst to Dean	
12HAROLD HOLMEN MS Asst Prof Soil and Water	1Mrs KATHERINE E STAPLES MS Instr Food and	Nutr
3D W JOHNSON MS Assoc Prof Agr Engin	1Mrs MARION S WALKER MS Assoc Prof Home Mg	rt
12H L KUCERA MS Assoc Prof Power and Mach	1Mrs ROBYN WILLIAMS MS Spec Instr Text and C	loth
3D R LUNDSTROM MS Asst Prof Asst Agr Engin	3A JANE WILLIAMSON MS Assoc Prof Cloth	
3D J McLELLAN Jr MS Assoc Prof Agr Engin		
12C W MOILANEN MS Asst Prof Farm Shop	Horticulture	78.30
12G L PRATT PhD Assoc Prof Farm Structures	12E P LANA PhD Prof and Chmn of Dept	
12E C STEGMAN PhD Assoc Prof	3R G ASKEW MS Asst Prof Hort	
3S L VOGEL BS Assoc Prof Agr Engin	3R H HEINTZ BS Assoc Prof	
12R L WITZ MS Prof Elec Power and Proc	12D G HOAG BS Assoc Prof Ornam	
	12N S HOLLAND MS Assoc Prof Fruit	
Entemology (Agr) 7800		
12J R DOGGER PhD Prof and Chmn of Dept (State Ent)	2R H JOHANSEN PhD Prof Potatoes	
	12D C NELSON PhD Assoc Prof Potatoes	
7W J BRANDVIK MS Asst State Ent	12E W SCHOLZ PhD Asst Prof Veg	
25R C BUSHLAND PhD Prof Dir of M & R Lab		
12R B CARLSON PhD Asst Prof	Information (Agr)	7840
3W J COLBERG MS Prof Ent	3R A JARNAGIN PhD Prof Ed	
25B J COOK PhD Asst Prof	3W R ANDERSON BS Asst Prof Asst Ed	
12R D FRYE MS Asst Prof	3J A BERG BS Asst Prof Asst Ed	
25WALDEMAR KLASSEN PhD Prof	3JR KENWARD MS Asst Prof Asst Ed	
25L E LaCHANCE PhD Prof	3M F LANZ BS Asst Prof Asst Ed	
25E P MARKS PhD Assoc Prof	3Mrs DOROTHEA G McCULLOUGH MS Asst Prof	
3D K McBRIDE MS Asst Prof	Assoc Ed	
12G B MULKERN PhD Assoc Prof	3C R ROTZIEN Asst Ed	
12R L POST PhD Prof	O II IIO I LLLII I II I I I I I I I I I	
12M S QURAISHI PhD Assoc Prof	Plant Pathology	7850
12J T SCHULZ PhD Assoc Prof		,,,,
25D E WAGONER PhD Asst Prof Genet	12R L KIESLING PhD Prof and Chmn of Dept	
23D E WAGONER PRO ASSI Proi Genet	25R M CRESSMAN PhD Plant Path	
	25H H FLOR PhD Prof Plant Path	
Extension Administration 7810	12R M HOSFORD Jr PhD Asst Prof	
3Mrs MARILYN BACKMAN BS AssocProf AssocHome	12J E HUGUELET PhD Asst Prof	
Econ Ldr	12L J LITTLEFIELD PhD Asst Prof	
3S W BALE MS Prof Dist Supvr	25J D MILLER PhD Plant Path	
30 E JACOBSON BS Assoc Prof Admin Asst	12V D PEDERSON PhD Assoc Prof	
3R A JOHNSON MS Prof Dist Supvr	25R D TIMIAN PhD Plant Path	
3LORRAINE K KALGARD BS Asst Prof Asst Cloth Spec	12S E WIHRHEIM PhD Asst Prof	
3P R KASSON MS Prof Asst Dir for Co Prog		
3H K LAHLUM MS Assoc Prof Assoc 4-H Ldr	Sails	7860
3T A MARTINDALE MS Prof Dist Supv	12E B NORUM PhD Prof and Chmn of Dept	, 500
3D E PALMER MS Assoc Prof Assoc State 4-H Ldr	12ARMAND BAUER PhD Assoc Prof Soil Fert	
3Mrs LOIS G RESTEMAYER BS Assoc Prof Home Mgt		
Spec Spec Assoc Prof nome Mqt	24G A BORCHERS BS Asst in Soil Surv	
	12D K CASSEL PhD Assoc Prof	
3Mrs SHIRLEY S WEEKS PhD Prof Asst Dir for Fam	2W C DAHNKE PhD Asst Prof	
Living	25A R GRABLE PhD Assoc Prof	
3J DWESTRA BS Asst Prof Asst State 4-H Ldr	2D M HEIL BS Asst in Soil Surv	
3R B WIDDIFIELD MS Prof Assoc Dir for Prog	124G A JOHNSGARD PhD Prof Genesis andClassif	
	12J T MORAGHAN PhD Assoc Prof Soil Chem	
	2H W OMODT MS Assoc Prof Genesis and Classif	
Home Economics (Col of Home Econ) 7820	2D D PATTERSON MS Asst Prof Soil Surv	

25J F POWER PhD Assoc Prof
2F W SCHROER MS Asst Prof Soil Surv and Chem
2M D SWEENEY MS Asst Prof Soil Surv
3EDFRED VASEY PhD Assoc Prof Soil Testing and Fert

1CAROLINE BUDEWIG EdD Deam of Col

Mrs YVONNE R BALE MS Assoc Prof Nutr
1MARION BENSON MS Assoc Prof Home Econ Educ
1ETHEL BUEHL MS Instr Text and Cloth

7865

7870

7880

Soils-Continued

25W O WILLIS PhD Assoc Prof

121 C ZUBRISKI PhD Prof Soil Fert

**Veterinary Science** 

12MF ANDREWS DVM Prof and Chmn of Dept

2R W BARNES DVM Asst Prof

12I E BERG DVM Asst Prof 12F M BOLIN DVM Prof

2P K McII.WAIN MS Asst Prof

12I A SCHIPPER DVM MS Assoc Prof 12G E STAPLES DVM Assoc Prof

Miscellaneous 1K L JANECEK MA Dir of Libr

1H D STALLINGS MA Prof of Libr Sci

Substations

Agronomy Seed Farm 2MARK JENDRO Supt

Carrington (Irrigation)

2H M OLSON MS Supt 2L A BUSCH BS Asst Agr Engin

2R F. NOWATZKI BS Asst Agron

Dickinson

2R J DOUGLAS MS Supt

2T J CONLON MS Assoc Agron

2L M HARDY BS Asst Anim Hush

Edgelev 4 1 2 2

2G E VAN WATERMULEN Acta Supt

Hettinger

2C L JOHNSON MS Supt

Longdon

2VICTOR STURLAUGSON Supt

Minot (North Central)

2G N GEISZLER MS Supt

2B K HOAG MS Assoc Agron

Williston

2E W FRENCH MS Supt

2A A SCHNEITER MS Asst Agron

### OHIO

The College of Agriculture and Home Economics, The Cooperative Extension Service and College of Veterinary Medicine of The Ohio State University, Columbus 43210

1College Staff 2Research Center Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Onio Dept of Agr 7Other Coop Agencies

7890

IN G FAWCETT LLD Pres of Univ (614-293-2424) 1J E CORBALLY Jr PhD Vice Pres for Acadamic Affairs and Prov (614-293-5881)

1A B GARRETT PhD Vice Pres for Res (614-293-6171)

123R M KOTTMAN PhD Dean of Col of Agr and Home Econ and Dir of Aar Res and Devlpmt Center and Dir of Coop Ext Serv (614-293-6891)

IC R COLE DVM PhD Regents Prof and Dean of Col of Vet Med (614-293-8727)

12R H BOHNING PhD Assoc Dean of Col of Agr and Home Econ and Asst Dir of Aar Res and Devlomt Center (614-293-6891)

123LOIS A LUND PhD Assoc Dean of Col of Agr and Home Econ and Dir of Sch of Home Econ (614-293-8119)

13E L KIRBY MEd Assoc Dir of Coop Ext Serv (614-293-6181)

12W E KRAUSS PhD Assoc Dir of Agr Res and Devlpmt Center (PO Wooster 44691) (216-264-1021)

12.1 M BEATTIE PhD Asst Dir of Agr Res and Devlomt Center (PO Wooster 44691) (216-264-1021)

12R E YODER PhD Asst Dir of Aar Res and Devlomt Center (PO Wooster 44691) (216-264-1021)

12K L BADER PhD Asst Dean Stud Affairs of Col of Agr and Home Econ (614-293-6891) 12E E DARROW PhD Asst Dean Fiscal Affairs of Col

of Agr and Home Econ (614-293-6891)

1A E RITCHIE PhD Asst Dean Academic Affairs of Col of Agr and Home Econ (614-293-6891)

123M G SMITH PhD Asst Dean Internatl Affairs of Col of Agr and Home Econ (614-293-7252)

1A N BESSESEN MS Secy of Col and Dir of Short Courses and Confs (614-293-6891)

123C F ARCHER MS Admin Asst to Dean and Dir (614-293-6891)

7900 Agrenomy

123G W VOLK PhD Prof and Chmn of Dept 12R R DAVIS PhD Prof Turf and Assoc Chmn of Dept (PO Wooster)

12D A RAY PhD Prof Plant Genet Oats and Barley and Asst Chmn of Dept

12T G ARSCOTT PhD Proi Tropical Soils

12K L BADER PhD Assoc Prof Turf and Asst Dean of Col

12L I. BAVER Phil Prot Soil Phys 127R O BECKER MS Consult Seed Impr

12L F. RENIXEN PhD Assoc Prof Plant Physiol Weeds

13S W BONE MS Asst Prof and Ext Soil Surv

125R B CLARK PhD Assoc Prof Plent Physiol Com (PO Wooster)

17E R DERICKSON BS Adjunct Asst Prof Soil and Water Conserv

12E J DOLLINGER PhD Prof Plant Genet Com (PO Wooster)

12K R EVERETT PhD Asst Prof Polar Soils

15N R FAUSEY MS Instr Soil Phys

125W R FINDLEY Jr PhD Prof Plant Genet Corn (PO Wooster)

12R E FRANKLIN PhD Assoc Prof Soil Chem

13D T FRIDAY MS Proj and Gen Mar Farm Sci Review 1234G R GIST PhD Prof and Ext Forage Crops

17R L GOETTEMOELLER MS Adjunct Asst Prof Soil and Water Conserv

12FAZ HAGHIRI PhD Prof Soil Chem Radio Ecol (PO Wooster)

12G F HALL PhD Asst Prof Pedol

137F E HEFT BS Assoc Prof and Ext Soil Conserv

125H K HEIZER BS Asst Prof Cereal Chem (PO Wooster)

12D E HERR PhD Assoc Prof Crop Prod 12F L HIMES PhD Prof Soil Fert

123D J HOFF PhD Prof and Ext Soil Fert

12NICHOLAS HOLOWAY CHUK Ph.D. Prof Pedol 12D L JEFFERS PhD Asst Prof Plant Physiol Soybeans

(PO Wooster)

123J B JONES Jr PhD Prof Soil Fert (PO Wooster)

12D L KATTERHEINRICH BS Instr Prod and Supt of Res Br (PO Wooster) 12H N LAFEVER PhD Assoc Prof Plant Genet Wheat

(PO Wooster)

13B A LINVILLE MS Assoc Prof and Ext Soil Fert 12E O McLEAN PhD Prof Soil Phys Chem

12H J MEDERSKI PhD Prof Plant Physiol (PO Wooster)

12R H MILLER PhD Assoc Prof Soil Bact 123R W MILLER PhD Assoc Prof Turf

121. E MOSER PhD Asst Prof Forage Crops

130 L MUSGRAVE PhD Prof Soil Fert and Asst Dir Coop Ext Serv

3D K MYERS MS Instr Ext Forage Crops

12M H NIEHAUS Phil) Assoc Prof Plant Genet Grasses (PO Wooster)

12J L PARSONS PhD Prof Forage Crops (PO Wooster)

13G J RYDER PhD Prof and Ext Dist Supvr 13L C SABOE Phi Prof and Ext Crop Impr

12B L SCHMIDT PhD Assoc Prof Soil and Water Conserv (PO Wooster)

123W H SCHMIL'T PhD Asst Prof and Ext Crop Prod

13L N SHEPHERD PhD Assoc Prof and Ext Soil Fert 13H E SHOEMAKER PhD Assoc Prof and Ext Soil Fert

12P E SMITH PhD Prof Plant Genet Soybeans

12C R STAHNKE PhD Asst Prof Pedol
123E W STROUBE PhD Assoc Prof and Ext Weed Control 12PAUL SUTTON PhD Assoc Prof Soil Chem Strip Mine

Reclamation (PO Caldwell) 12G S TAYLOR PhD Prof Soil Phys 7900-7940 OHIO

Agronomy-Continued

12G B TRIPLETT Jr PhD Prof Crop Prod (PO Wooster)

12D M Van DOREN PhD Prof Soil Phys (PO Wooster) 12R W VanKEUREN Pl.D Prof Pastures (PO Wooster)

12J P VIMMERSTEDT DFor Assoc Prof Soils (PO

Wooster)

123Å C WALDRON PhD Asst Prof and Ext Pest Control 12L P WILDING PhD Assoc Prof Soil Mineral

12J H WILSON BS Instr Soil Anal (PO Wooster)

125W T YAMAZAKI PhD Prof Cereal Chem (PO Wooster) 12R E YODER PhD Prof Soil Fert and Asst Dir of Res

and Devlpmt Center (PO Wooster)

Animal Science 7910

123G R JOHNSON PhD Prof Sneep and Chmn of Dept 12E W KLOSTERMAN PhD Prof Beef and Assoc Chmn of Dept (PO Wooster)

IP G AL THOUSE MS Asst Prof Meat Sci

14R D BARNER DVM PhD Prof Vet Med

13H M BARNES BS Assoc Prof Swine Ext Spec

12C B BOYLES MS Instr Anim Sci (PO Caldwell)

123W H BRUNER BS Assoc Prof Swine Ext Spec

12V R CAHILL PhD Prof Meat Sci

12J H CLINE PhD Prof Nutr

12B A DEHORITY PhD Assoc Prof Nutr (PO Wooster)

16H E GOLDSTEIN DVM Adjunct Assoc Prof Anim Indus

13R H GRIMSHAW MS Prof Sheep Ext Spec

12W R HARVEY PhD Prof Genet

12R R JOHNSON PhD Prof Nutr (PO Wooster)

12J K JUDY PhD Asst Prof Sheep

123R M KOTTMAN PhD Prof Genet and Dean of Col of Agrand Home Econ and Dir of Coop Ext Serv and Dir of Agr Res and Devlpmt Center

12T M LUDWICK PhD Reprod Physiol

123C M MARTIN PhD Assoc Prof and Area Ext Agt Anim Indus (PO Wooster)

123H W MEWLAND PhD Assoc Prof and Area Ext Aqt Anim Indus (PO Fremont)

12H W OCKERMAN PhD Assoc Prof Meat Sci

12C F PARKER PhD Assoc Prof Genet (PO Wooster)

12R F D'LIMPTON PhD Asst Prof Meat Sci 123R R REED PhD Prof Beef and Ext Spec

13RO SMITH MS Asst Prof Beef Ext Spec

12L A SWIGER PhD Assoc Prof Genet

12H S TEAGUE PhD Prof Reprod Physiol (PO Wooster)

12W J TYZNIK PhD Prof Nutr

123B D VanSTAVERN PhD Assoc Prof Meat Sci Ext Spec

IW G VENZKE DVM PhD Prof Anat

13W W WHARTON MS Asst Prof Prod Test Ext Spec

12G R WILSON PhD Assoc Prof Beef

12B F WILSON PhD Prof Swine

13R A YEARY DVM Assoc Prof and Ext Vet Toxical

Cooperative Extension

ADMINISTRATION

123R M KOTTMAN PhD Prof and Dir (614-293-6891)

13E L KIRBY MEd Prof and Assoc Dir Educ 130 L MUSGRAVE PhD Prof and Asst Dir Admin Agron

123C F ARCHER MS Admin Asst to the Dean and Dir Educ

34L A BEST BS Prof and Dist Supvr Educ

123J S BOTTUM PhD Assoc Prof and Ldr Commun Resource DevIpmt Econ

3ARNOLD CAUNE MBA Admin Asst and Ldr Financial Anal Bus Admin

13C J CUNNINGHAM PhD Assoc Prof and Ldr Prof Impr Studies and Eval Educ

13R S DOUGAN PhD Prof and Asst Dir Commun and Public Affairs Econ

13A B EZZELL PhD Prof and Asst Dir Agr and Mkta Econ

3A F GEHRES MS Prof and Asst Dir 4-H Educ

3C A HAAS MS Prof and Asst State Ldr Pers Econ 13H H HADLEY PhD Prof and Dist Supvr Econ

13Mrs NAURINE R HIGGINS MS Prof and Asst Dir Home Econ

13D D JENKINS PhD Asst Prof and Asst State Ldr Prof Impr Educ

Cooperative Extension-Continued

3T D JENKINS MS Asst Prof and Dist Supvr Educ 13VIVIAN L JOHNSON MA Assoc Prof and Asst State Ldr Home Econ Educ

3P CLFIDHEISERMS Instrand Dist Supvr Educ

3C W LIFER MS Instr Res and Training Educ

13ANITA R McCORMICK MS Assoc Prof and Asst State Ldr Home\_Econ Educ

13J T MOUNT MS Prof and Vice Pres of Univ Educ 3J D PITTMAN MS Instrand Dist Supvr Econ

13D B HORINSON MS Prof and Ldr Prog Devipmt Educ

13G J RYDER PhD Prof and Dist Supyr Agren

13MABEL M SARBAUGH MS Assoc Prof and Assoc State Ldr Home Econ Educ

123A E SHOWMAN MA Prof and Aar Ed Journal

3W E STUCKEY MS Prof and Ldr Safety and Emergency Prepared Educ

134FANCHON F WARFIELD MS Assoc Prof and Ldr Ext Training Home Econ Educ

3R L WILLIAMS BS Adman Asst and Ldr of Bus Oper Bus Admin

4-H CLUB WORK

3A F GEHRES MS Prof and Asst Dir 4-H Educ

13R E YOUNG MS Instrand Assoc State Ldr 4-H Educ 3S P BRUNY MA Asst Prof and Asst State Ldr 4-H Educ

13BEATRICE J CLEVEL AND MS Prof and Asst State Ldr 4-H Educ

13VIRGINIAM EVANS MS Instrand Asst State Ldr 4-H Educ

3D B L AU MA Asst Prof and Asst State Ldr 4-H Educ 3C W YOUNG MS Instrand Asst State Ldr 4-H Educ

OFFICE OF INFORMATION

123A E SHOWMAN MA Prof and Agr Ed Journal

3H R BYRD BS Asst Prof and Asst Ext Ed Agr Sci

13J P CHAPMAN MS Assoc Prof and Asst Ext Ed 4-H Pubs Journal

13M W EMMONS BS Instrand Ext Photog Econ 13J W FERENCE BS Instr Inform Spec Vis Arts

123JOY A FISCHERMA Instrand Asst Ext Ed Journal

3H E l'RISBEE MA Assoc Prof and Asst Ext Ed Pubs Journal

3G C GROOMS MS Asst Prof and Asst Ext Ed News Journal

3R R HOWARD MA Assoc Prof and Asst Ext Ed Radio Journal

3D M MORTENSEN BA Instrand Asst Fxt Ed Vis Aids 13Mrs MARILYN M REED BS Instrand Asst Ext Ed Home Econ Radio Journal

3J V SCHMIDT MA Asst Prof and Asst Ext Ed TV Journal

Dairy Science

7935

7940

123', L. Van DEMARK PhD Prof and Chmn Physiol Reprod 123L O GILMORE PhD Prof and Assoc Chmn Anim Genet (PO Wooster)

12F R ALLAIRE PhD Asst Prof Anim Genet Pop Statis 123H L BARR PhD Assoc Prof Physiol Reprod Anim Genet

12W J BRAKEL PhD Prof Anim Genet Anim Husb

125E W BRUM PhD Asst Prof Anim Genet

124H R CONRAD Ph.D. Prof Anim Nutr (PO Wooster)

12N S FECHHEIMER PhD Prof Cytogenet

127G E FULLER BS Instr Anim Genet

12W R GOMES PhD Asst Prof Physiol Reprod Steroids

12W B HARVEY PhD Prof Anim Genet Pop Statis

12J W HIBBS PhD Prof Anim Nutr (PO Wooster)
12H C HINES PhD Asst Prof Immunochem Genet 13L W JACQUEMIN BS Instr Dairy Res Anim Husb

12H E KAESER MS Assoc Prof Anim Husb Anim Nutr 12W E KRAUSS PhD Prof Anim Nutr and Assoc Dir of Res and Devlpmt Center (PO Wooster)

12T M LUDWICK Ph.: Prof Physiol Reprod Anim Genet

13C D McGRFW MS Prof Anim Husb

12V A NEUHARDT BS Instr Anim Husb (PO Wooster)

12D L PALMOUIST PhD. Asst Prof Anim Nutr (PO Wooster)

123R M PORTER PhD Assoc Prof Anim Husb Immunochem 13R A PORTERFIELD MS Assoc Prof Anim Husb

7940-7980 OHIO

### Dairy Science-Continued

125E R RADER MS Instr Anim Genet

12W H RAUSCH PhD Asst Prof Immunochem Genet

13R S SECHRIST MS Instr Dairy Records Anim Husb

123J R STAUBUS PhD Assoc Prof Anim Nutr

123W R TAYLOR MS Assoc Prof Dairy Records Anim

### 7950 Dairy Technology

123I A GOULD PnD Prof and Chmn Dairy Tech

1J L BLAISDELL PhD Asst Prof Dairy Engin

12P M T HANSEN PhD Assoc Prof Dairy Chem

12W J HARPER PhD Prof Dairy Chem

16D A HILL DVM Adjunct Assoc Prof Foods Dairies and Drugs

1J P KENYON BS Instr Dairy Mat

12THORVALD KRISTOFFERSEN PhD Prof Dairy Microbiol

13J B LINDAMOOD MS Instr Dairy Mgt and Ext Spec

12E M MIKOLAJCIK PhD Assoc Prof Dairy Microbiol 123W L SLATTER PnD Prof Dairy Microbiol and Ext Spec

12D G VAKALERIS PhD Assoc Prof Dairy Chem

17R B WATTS MS Adjunct Assec Prof Sanit

## Economics (Agr) and Sociology (Rural)

123D H BOYNE PhD Prof and Chmn

124D W ADAMS PhD Assoc Prof Foreign Agr Devlpmt

7960

12R A BAILEY PhD Prof Agr Finance

12R H BAKER PhD Prof Farm Mat and Land Appraisal

123R L BAKER PhD Prof Poultry Mktg and Ext Spec

123WALLACE BARR PhD Prof Econ Public Affairs and Outlook and Ext Econ

12H D BAUMAN PhD Asst Prof Internatl Affairs 12E F BAUMER PhD Prof Dairy Mkta

16L K BEAR PhD Adjunct Assoc Prof Mktg Admin 123J S BOTTUM PhD Assoc Prof Resource Devlomt and

Ext Ldr Community Resource Devlpmt

13C C BOWEN MS - Asst Prof Livestock Mktg and Ext Spec Swine Mkta

14P C CLAYTON PhD Assoc Prof Poultry Mktg

12M E CRAVENS PhD Prof Fruit and Veg Mktg

12C A DAMBACH PhD Prof Natural Resources

1E E DARROW PhD Asst Prof Acr Finance

13R S DOUGAN PhD Prof Resource Devlocational Ext Asst Dir Community and Public Affairs

13A B EZZELL PhD Prof Agr Mktg and Ext Asst Dir Agr and Mkta

13H H HADLEY PhD Prof Agr Policy and Ext Dist Supvr

12D E HAHN PhD Asst Prof Agr Mktq

123W G HARTER PhD Asst Prof Farm Mat and Ext Econ 12G C HIMES PhD Assoc Prof Mktg and Gen Aar Econ 12L J HUSHAK PhD Asst Prof Resource Econ

123C H INGRAHAM PhD Assoc Prof Acr Bus Mat and Ext Spec

123R E JACOBSON PhD Prof Dairy Mktg and Ext Spec

12T L JONES PhD Assoc Prof Agr Finance

12A R MANGUS PhD Prof Rural Social 123B W MARION PhD AssocProf Food Distrib and Ext

Spec 12F B McCORMICK PhD Prof Agr Policy and Gen Agr

Econ

13MARGARET F McDONALD MS Assoc Prof Econ Inform and Agr Policy and Ext Econ

13A R MILNER MS Prof Grain Mktg and Ext Spec 13D R MISKELL MS Instr Farm Mat and Ext Econ

123J B MITCHELL PhD Prof Rural Social and Ext Spec 123J E MOORE PhD Asst Prof Farm Matand Ext Econ

1M D OYLER PhD Prof Rural Social 12G H PHILLI PS PhD Assoc Prof Rural Sociol

23J M PIERCE MS Instr Rural Recreation Devlpmt and Ext Spec

12R H POLLOCK PhD Asst Prof Agr Mktq

13A R PUGH MS Instr Resource Devlpmt and Ext Spec

12NORMAN RASK PhD Asst Prof Farm Mgt

12R M REESER PhD Assoc Prof Farm Mat

123J W SHARP PhD Prof Grain Mktq and Farm Supply and Ext Spec

12F. T SHAUDYS PhD Prof Farm Mat

12R W SHERMAN PhD Prof Agr Mktg

Economics (Agr) and Sociology (Rural)—Continued

13LOIS A SIMONDS PhD Asst Prof Mktg Inform for Consumers and Ext Spec

12J H SITTERLEY PhD Prof Farm Mat and Land Econ

12M G SMITH PhD Prof Aar Policy and Foreign Aar Devlomt

12H L STEELE PhD Assoc Prof Agr Mktq

12T T STOUT PhD Prof Livestock Mktg

13P R THOMAS PhD Asst Prof Livestock Mktg and Gen Agr Econ and Ext Spec

125J R TOMPKIN PhD Prof Fam. Mat

125D C TUCKI'R BS Instr Aar Status

13V A VANDEMARK PhD Asst Prof Food Distrib and Ext Spec

12F E WALKER PhD Prof Quant Methods

13E P WATKINS MS Instr Food Distrib and Ext Spec

12W A WAYT PhD Prof Land Econ 14R S WELSH PhD Assoc Prof Agr Mktg

14K L WESSEL PhD Assoc Prof Foreign Agr Devlpmt

12H C WILLIAMS PhD Prof Prod Econ

AGRICULTURAL FINANCE CENTER

12R A BAILEY PhD Dir of Finance Center
12T L JONES PhD Assoc Dir of Finance Center

12LC MA. NACK PhD | Asst Prof Acr Finance Center

1R D CARTER MC Grannes Assoc Agr Finance Center

### 7970 Education (Agr)

123R E BENDER PhD Prof and Chmn of Dept

123C F ANCLER MS Instrand Admin Asst to Dean and Dir

1C W BARNETT MEd Consult

1L W BOUCHER PhD Assoc Prof.

1W J BRYAN PhD Consult

13C J CULLETING: AM PhD Assoc Prof and Ext Lat Prof Impr

1J E DOUGAN MS Consult 1G S GUILER PhD Assoc Prof

1J J HALTERMAN PnD Prof

1J W HENSEL PhD Assoc Prof

13D D JELKINS PhD Asst Prof and Ext Asst State Ldr Prof Impr

13E L KIRBY MEd Prof and Assoc Dir Coop Ext Serv

18 W McCCRMICK Ph.D. Prot and Univ Asst Vice Pres Cont rlduc

1D L PARKE PLD Consult 1PFPULSEMS Instr

1H E RIDENOUR PhD Consult

1A E RITCHIE PhD Prof and Asst Dean Academic Affairs

13D & ROBINSON MS Prof and Ext Ldr Prog Devlamt

1T R ROWINSON PhD Asst Prof and Univ Dir of Admissions

1F J RUBLE MS Asst Prof

1J T STARLING PhD Asst Prof

1R F. TAYLOR PnD Prof and Dir Center for Vocut and Tech Educ

1C O TOWER MS Consult

1D H WALISER MS Instrand Col Counselor 1J R WARMS-KOD PhD Frof

1 W WATKINS MS Consult

1R H WILSON PhD Assoc Prof 1W H WOLF PhD Prof

1R J WOODIN PhD Prof

13H E YOUNG MS Instrant Assoc State Ldr 4-H

### Engineering (Agr)

7980

12W H JOHNSON PhD Prof Power and Mach and Assoc Chmn (PO Wooster)

12H J BARRE PhD Prof Structures and Environ

12R C BELT BS Instr Power and Mach 12 J L PLAISDELL PhD Asst Prof Food Technol

13J D BLICKLE MS Prof and Ext Agr Engin Bldgs

12B L BONDURANT MS Prof Soil and Water

125R D BRAZUE PhD Assoc Prof Fine Particle Phys and Turbulence Diffussion (PC Wooster)

123D M BYG MS - Assoc Prof and Ext Agr Engin Power and Mach

12R is CURRY PhD Prof Soil and Water (PO Wooster)

14L O DREW PhD Assec Prof Power and Mach 125J L FOUSS MS Instr Soil and Water

Engineering (Agr)-Continued 1CLARICE E BLOOM MS Asst Prof Household Equip 1MARIAN R BUTLI B MS Asst Prof Text 13% E.C.ILL MS - Assoc Prof and Ext Agr Engin Farm Mach 12M Y HAMDY PhD Asst Prof Power and Mach 13BEATRICE J CLEVELAND MS Prof and Asst State Lar 1W F HAMILTON Consult 4-H 12K A HARKNESS MS Instr Elec Power and Proc IMPS BETTY L COOK !!! Asst Prof Child DevIpmt
IMARION L CREMER MS Instr Inst Mct 125L L HARROLD CE Prof Soil and Water 12J E HENRY MS Instr Power and Mach (PO Wooster) 1JULIA I DALRYMPLE PhD Prof Home Econ Educ 12F L HERUM PhD Assoc Prof Elec Power and Proc 15J R HOOVER MS Instr Soil and Water 12RUTH E DEACON PhD Prof Home Mat Fam Econ 13LOIS M DENEKE MEd Assoc Prof and Ext Spec 12 S G NUBER N'S Prof Power and Mach Home Mat 1C E JOHNSON PhD Prof Farm Shops 12Mrs JEAN DECKG GOOFTT PhD Asst Prof Child 12H L KEENER MS Instr Structures and Environ (PO DevIpmt and Dir Nursery Sch Wooster) 1MARIE M DIRKS PhD Prof Home Floon Educ 13h A MILLER MS - Assoc Prof 14dps and Ext Agr Engin 13VIRGINIA M EVANS MC Instrand Asst State Ldr 4-H Fam Housing 1Mrs VELMA V EVERHART MS Asst Prof Housing and 13B L NOLTE MS Instr and Ext Agr Engin Watershed Devlpmt 13D A NCHMAN MS Instrand Ext Agr Engin Eldgs IDOROTHY J FOSTER MA Asst Prof Home Econ Educ 14MARIA S FRIESEN PLD Prof home Econ 123M L PALMER MS Assoc Prof and Ext Agr Engin Water Mgt 12Mrs DC::IS E FULTON MS | Asst Prof Home Mgt 125R C REEVE MS Assoc Prof Soil and Water 1MARY E GREEN PhD Prof. Food and Nutr 12W L HOLLER PhD Prof Structures and Environ (PO 13Mrs PAULINE G HALL MS Assoc Prof and Ext Nutr 13Mrs ORENA M HAYNES MS Prof and Ext Spec Cloth Wooster) 13W R SCHUNG MS - Asst Prof and Ext Agr Fingin 13MARIAN E HERMANCE MS Asst Prof and Ext Spec 12G O SCHWAB PhD Prof Soil and Water Inst Mat 12E P TAIGANIDES PhD Assoc Prof Soil and Water 1Mrs JOAN E HERR MS Asst Prof Food and Nutr 1HELENE HEYE PhD Prof Child Devlpmt Entomology (Academic Faculty of) (Col of Biol Sci) 7990 13Mrs NAURINE R HIGGINS MS Prof and Asst Dir Ext 123D L GOLEMAN PhD Prof and Interin Chron Chem Home Econ Cont 12Mrs RACLEL I: UBBARD Phl) Assoc Prof Ins Mat 12Mrs FERN F. HUNT PhD Assoc Prof Household Equip 13VIVIAN L. JOL. I. STO: M. Assoc Prof and Asst State 125is D & ARRY PhD Assoc Prof Agr Ent (PO Wooster) 123r D.P.L.AIL PhD. Assoc Prof Agr Fint 12J D BRIGGS PhD Prof Biol Cont Ldr Home Econ Ext 12is L CAMPRELL PhD Asst Prof Agr Ent (PO Wooster) 12MARY LAPITSKY PhD Prof Text 12R h DAVISON PhD Prof Agr Ent 1Mrs CLAIRE J LEHR PhD Asst Prof Child Devlpmt 12F W FISK PhD Prof Ins Physiol 1FLORENCE L LLOYD MS Assoc Prof Home Mat Fam 123: Y FORS' THE Jr PhD Assoc Prof Agr Ent (PO Econ Wooster) 12FRANCILLE MALOCH PhD Assoc Prof Home Mgt Farm 12R P I OLESWORTH Jr PhD Prof Agr Ent Econ 125J K KNOKE PhD Asst Prof Agr Ent (PO Wooster) 1BUTh L. MARS: ALL MS Instr Text and Cloth 12WILLI KNULLE DSc Prof Ins Physiol (PO Wooster) 13ANITA R McCORMICK MS Assoc Prof and Asst State Ldr 124F R KRUFGER PhD Asst Prof Agr Ent Horse Econ Ext. 13% F LYON MS Instr Agr Ent 1ESTHER A MEACHAM PhD AssocProf Text and Cloth 13R L MILLER PhD Assoc Prof Ent IMARY MILLLICANIMS | Assoc Prof Text and Cloth 12L R NAULT PhD Asst Prof Agr Ent (PO Wooster) 13MARY C MITCHELL MS Instrand Ext Spec Food and 12H D NE MCZYK PhD Assoc Prof Agr Ent (PC Wooster) Nutr 123in W INDIGS PhD Prof Agr Ent (PO Wooster) 12Mrs JUDITH E NORTH MS | Instr Food and Nutr 13GERALDINE I OLSON MS | Instr and Ext Spec Fam Econ 123R I ROSE MS Instrand Surv Ent Agr Ent 12W C ROTHENBUHLER PhD Prof Apic 13Mrs MARILYN M REEL BS Instrand Asst Ext Ed Home 12G F SPAMBAUGH PhD Assoc Prof Ins Physiol (PO Econ Hadio Journal Wooster) tMrs TWYLA M MIDDER MA Instr Home Econ Educ 123J P SLEESMAN PnD Prof Agr Ent (PO Wooster) 13MADEL M SARBAUGH MS - Assoc Prof and Assoc State 12G R STAIRS PhD Assoc Prof Biol Cont 13W A STEPHEN MSA Prof and Ext Spec Apic 12V C THOMPSON MS Instr Agr Ent Apic 12R E TREECE PhD Prof Agr Ent (PO Wooster) Ldr Home Econ Ext Mrs RENATA M SMATHERS MS Instr Food and Nutr 1Mrs AGNES S SMITH MS Asst Prof and Mar Pomerene Refectory 12C A TRIPLEHORN PhD Prof Taxon ISHIRLEY A SMITH BS Instr Home Econ Educ 12C R WEAVER PhD Prof Biomet (PO Wooster) 13MABEL L SPRAY MA Prof and Ext Spec Fam Econ 1ALMA F TAPSCOTT MA Assoc Prof Text POPULATION AND ENVIRON BIOL (COL OF BIOL SCI) 12Mrs CLAHIEFL M TAYLOR PhD Assoc Prof and Fam 12M L CILTZ PhD Prof Anim Ecol Devlomt 12 C GCCD PhD Assoc Prof Wildlife Mgt 1Mrs CATHERINE C VAUGHN MA Asst Prof Home Econ 12W T MOMOT PhD Assoc Prof Ichthyol Educ 123T M STOCKDALF PhD Asst Prof and Ext Wildlife Spec 12VIRGINIA M VIVIAN PhD Prof Nutr Vertebrate Zool 134FANCEON F "ARFIELL MA Assoc Prof and Ldr of Ext Training home Econ Home Economics, School of 1DONNA K WILLIAMS MS Instr Child DevIpmt 123LOIS A LUND PhD Prof and Assoc Dean and Dir of Sch 1J OLWEN WILLIAMS MA Asst Prof Home Econ Educ 14Mrs EVA D WILSON PhD Prof Nutr Nutr 12D LOIS GILMORE PnD Prof and Assoc Dir of Sch Cloth ILUCILE R ALEXANDER MS Assoc Prof and Asst Dir Horticulture and Forestry 8020 of Sch Home Econ Educ 123F S HOWLETT PhD Chmn and Prof Pomol 13EDNA E AKERS MS Assoc Prof and Ext Spec Cloth 12E K ALBAN PhD Prof Veg Crops 1Mrs MARY M ANDRIAN MA Asst Prof Home Econ Educ 13E S BANTA MS Assoc Prof Ext Pomol 1Mrs LENA M BAILEY MS Instr Home Econ Educ

Home Economics, School of-Continued

12J M BEATTIE PhD Asst Dir OARDC and Prof Pomol

125 7 FERRY PhD Assoc Prof Veg Crops

12W N BROWN PhD Prof Veg Crops

13W M BROOKS MS Assoc Prof Ext Veg Crops

123G A CAHOON PhD Prof Pomol (PO Wooster)

(PO Wooster)

1Mrs SANDRA T BAILEY MS - Instr Text and Cloth

13Mrs ANN SEARDWELL PhD Instrond Ext Spec Mgt

1RUTH M BEARD MS Assoc Prof Household Equip

IGRACE R BECKWITH MS Asst Prof Home Econ Educ

1ROBBIL G BLAKEMORE PhD Asst Prof Home Furn

8020-8040

### CHIO Horticulture and Forestry-Continued 13J L CALDWELL MS Assoc Prof and Ext Flor 12R L CLEMENTS PhD Assoc Prof Hort Proc Poultry Science-Continued 12J F STEPHENS PhD Assoc Prof Bact 12S P TOUCHBURN PhD Assoc Prof Nutr (PO Wooster) 13W F COWEN Jr MF Prof Ext For 12J F GALLAMUER PhD Assoc Prof Hort Proc (PO Veterinary Medicine, College of Wooster) 8040 12J F GAUSS PnD Asst Prot Veg Crops (PO Wooster) ADMINISTRATION IC L. COLL' DVM PhD Regents Prof and Dean of Col 12J R GEISMAN PhD Prof Hort Proc 12W A GOULD PhD Prof Hort Proc ANATOMY 12F O HARTMAN PhD Prof Pomol 12W G VENZKE DVM PhD Prof and Chmn Dept and Asst 12R G HILL Jr PhD Prof Pomol (PO Wooster) 12MAKOTO KAWASE PhD Assoc Prof Ornom Dean and Secy of Col 1M Y ANDRES DVM PhD Assoc Prof (PO Wooster) 1C D DIESEM DVM PhD Prof 12D C KIPLINGER PhD Prof Flor and Ornam 1MAUREEN SHUNTER DVM Instr 12P CKCTFL PhD Asst Prof Flor and Ornam 14W K LATS:: AW DVM PLD Asst Prof 12D W KRETCI MAN PhD Prof Pomol Veg Crops (PO Wooster) MICROBIOLOGY 12T C McDOWELL PhD Asst Prof Flor and Ornam (PO 1J P KHIER DVM PhD Assoc Prof Wooster) 13A C PENG PhD Asst Prof Hort Proc and Ext Spec MEDICINE Food Proc 12K W REISCH PhD Prof Flor and Ornam 13E M SMITH Jr PhD Asst Prof Flor and Ornam and Ext 1V L THARP DVM Prof and Chmn Dept and Dir of Clinics IGWENDOLYN B CARSON PhD Asst Prof Spec Landsc Hort 1J C DONHAM DVM Assoc Prof 123H K TAYAMA PhD Assoc Prof Ext Flor 123R D TOUSE MS Assoc Prof and Ext For 1E F DONOVAN DVM Prof 1H M GARDNER DVM Asst Prof 3J D UTZINGER MS Instr Ext Hort 1D B GISLER DVM Asst Prof 13E C WITTMEYER BS Prof Ext Veg Crops IJ II HATHAWAY DVM Asst Prof ISHARON L MARTIN DVM MS Asst Prof Natural Resources, School of 8025 1P W MURDICK DVM PhD Asst Prof 123C A DAMisACi PhD Prof and Ear of Sch 10 T DOWNEY Pal Asst Prof Water Resources 1R SHAY DVM PLD Asst Prof 1W K WEARLY DVM Assoc Prof 1R G WHITEUS DVM MS Assoc Prof Plant Pathology 8030 1MILTON WYMAN DVM MS Asst Prof 123I W DEFP PnD Prof on I Chrin of Dept Bact Dis-12L E. WILLIAMS Ph.D. Prof and Assoc Chmn of Dept Cereal Crops Dis (PO Wooster) PARASITOLOGY 12L J ALEXANDER PhD Prof Veg Dis Virol 1F R KOUTZ DVM MS Prof and Chmn Dept 1H F GROVES DVM MS Assoc Prof (PO Wooster) 1C C ALLISON Ptil Prof Fungal Dis 12R H BOHNING PhD Prof Plant Physiol 1M W SCOTHORN DVM MS Asst Prof 120 E minADFUTE Phil Asst Prof Electron Microscopy PATHOLOGY 1R A GRIESEMER DVM PnD Prof and Acta Chmn of (PO Wooster) 12CW ELLETT PhD Prof Fungal Dis Dept 121. CHARDANAY PRO Asst Prof Dis Physiol 12D T GORDON PhD Asst Prof Virol (PO Wooster) 1C C CAPEN DVM PhD Asst Prof 1R L FARRELL DVM PhD Prof 14LOUIS KASZA DVM MS Asst Prof 12L J HERR PhD Assoc Prof Flower Dis (PO Wooster) 1ADALBERT KOESTNER DVM PhD Prof 12H A.J. HOLTINK Ph.D. Asst Pref Eact and Woody Ornan-1W F LOFB DVM MS Assoc Prof Dis (PO Wooster) 123% F JANSON PhD Prof and Ext Plant Path Phytopath 13G A MARSH DVM MS Prof 1G F McKISSICK LVM PhD Assoc Prof 1M W ROHOVSKY DVM PhD Asst Prof 12B M JONES PhD Asst Prof Fruit Dis (PO Wooster) 21.6. (1.1. 1.1. ) That Antibio and part (PO Wooster, 125 (A. M. 1.1. ) Look: Ji (中日 Asst Prof Corn Virus Dis (P. Auster) From Antibio and Bact (PO Wooster) 1J A SHADDUCK DVM PhD Asst Prof 123R E FARTYKA Pal' Assoc Prof and Ext Plant Path PHYSIOLOGY AND PHARMACOLOGY IC R SMITH DVM PhD Prot and Chmn Dept IHOBIRT HAMLIN DVM PhD Assoc Prof Paytoputl. 16H L PORTER MS Adjunct Assoc Prof Dis Regulation 17 E POWTER EVERED Prof 1R W REDDING DVM PhD Prof 12A F SCHMITTHENNER PhD First Parage Crops Dis (PC Wooster) 13h A TEARY OVEL Associated 12A W PROXITE Priling Associated Virol PREVENTIVE MEDICINE 123 F. FITLWIG DVM MG Prof and Chan Dept and Dir Cont Poultry Science 8035 F inc 123R E COOK PhD Prof Genet and Chan of Pent 124K I (190W), PnD Prof Physiol and Assoc Chan of Eest 1R C ADAMS DVM Lect 12E h BOLL DVM PhD Prof (PO Wooster) IREX BULLER DVM Instr 1J B ALLRED PhD | Assoc Prof Nutr 16: I GOLDSTEIN DVN! Lect 1D O JONES DVM MPH Prof 12W L BACON PhD Asst Prof Physio! (PO Wooster) 123R L BAKER FnD Prot and Ext Spec Poultry Mkta Econ 1C E ROBINSON DVM Asst Prof 12E H BOHL PhD Prof Microbiol (PO Wooster) 12W J TYLNIK rmD Prof 12V D CHAMBERLIN BS Asst Prot Poultry (PO Wooster) 1T A WITTICH DVM Lect 124P C CLAYTON PhD Assoc Prof Mktg 12W R HARVEY PhD Prof Genet SURGERY AND RADIOLOGY 12R G JAAP PhD Prof Genet 1R L RUDY DVM MS Prof and Chmn Dept and Assoc 13EMIL MALINOVSKY MS Assoc Prof and Ext Spec Prod Dir of Clinics 13G A MARSH DVM MS Prof and Ext Spec Path 1A A GABEL DVM MS Assoc Prof 1R B HEATH DVM MS Instr 12Y A MOLAMED PhD Asst Prof Path (PO Wooster) 12G H MOUNTNEY PhD Prof Food Technol

12E C NABER PhD Prof Nutr

12K E NESTOR PhD Asst Prof Genet (PO Wooster)

1L E JOHNSON DVM MS Prof

1G P WILSON DVM MS Assoc Prof

оню 8060-8110

Ohio Agricultural Research and Development Center, Wooster 44691

1College Staff 2Research Center Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDC 7Ohio Dept Mental Hygiene and Correction

8060

123R M KOTTMAN PhD Dir (PO Columbus) (Tel Columbus 614-293-6891)

12L L RUMMELL MS LLD Dir Emeritus

12W E KRAUSS PhD Assoc Dir (Tel Wooster 216-264-1021)

12 M BEATTIE PhD Asst Dir

12R H BOHNING PhD Asst Dir (PO Columbus)

12R E YODER PhD Asst Dir

123C F ARCHER MS Admin Asst (PO Columbus)
12E E DARROW PhD Fiscal Ligison Off (PO Columbus) 2H A HESSON Bus Mgr

2T F WONDERLING BS Coord of Res Oper

8070 Agronomy

123G W VOLK PhD Prof and Chmn of Dept (PO Columbus)
12R R DAVIS PhD Prof Turf and Assoc Chmn of Dept 12D A RAY PhD Prof Plant Genet Oats and Barley and

Asst Chmn of Dept (PO Columbus) 12T G ARSCOTT PnD Prof Tropical Soils (PO Columbus)

12K L HADER Ph.D. Assoc Prof Turf (PO Columbus)
12L D BAVER Ph.D. Prof Soil Phys (PO Columbus)

12R O BECKER MS Consult Seed Impr (PO Columbus) 12L E BENDIXEN PhD Assoc Prof Plant Physiol Weeds

(PO Columbus) 25R S BROWN BS Collab in Conserv (PO Columbus)

125R B CLARK PhD Assoc Prof Plant Physiol Corn

12F. J DOLLINGER PhD Prof Plant Genet Corn

2D W DONELSON MS Instr Cereal Chem

25J R DONELSON BS Instr Cereal Chem

12K R EVERETT PhD Asst Prof Polar Soils (PO Columbus)

125W R FINDLEY Jr PhD Prof Plant Genet Com 12R E FRANKLIN PhD Assoc Prof Soil Chem (PO

Columbus)

1234G R GIST PhD Prof and Ext Forage Crops (PO Columbus)

12FAZ EAGEIRI PhD Prof Soil Chem Radio Ecol 12G F HALL PhD Asst Prof Pedol (PO Columbus)

125H K HUZER BS Asst Prof Cereal Chem

12D E HERR PhD Assoc Prof Crop Prod (PO Columbus)

12F L HIMES PhD Prof Soil Fert (PO Columbus)

123D J HOFF PhD Prof and Ext Soil Fert (PO Columbus) 12 NICr.OLAS F.CLOWAYCI UK PhD Prof Pedol (PO Columbus)

12D L JEFFERS PhD Asst Prof Plant Physiol Soybeans

12D L KATTERHEINRICH BS Instr Crop Prod

25L T KISSELL EA Instr Cereal Chem

12H N LAFEVER PhD Asst Prof Plant Genet Wheat

12E O McLEAN PEP Prof Soil Phys Chem (PO Columbus)

12H JERUSLESKI PhD Prof Plant Physiol

126M F. MILLER MC Climated (PO Columbus)
12R H MILLER PhD Assoc Prof Soil Bact (PO Columbus)

123R W MILLER PhD Assoc Prof Tart (PO Columbus)

12L PMCSER Pin. Aust Prof Forage Crops (PO Columbus)

12M H NIEHAUS PhD Assoc Prof Plant Genet Grasses

12J L PARSONS PhD Prot Forage Crops

Assoc Prof Soil and Water Conserv 12B L SCHMIDT PED

123W H SCHMIDT PhD Asst Prof and Ext Crop Prod

(PO Columbus)

12P E SMITH PhD Prof Plant Genet Soybeans (PO Columbus) 12C R STAHNKE To. J Asst Prof Pedol (PO Columbus)

123E W STROUBE Phil) Aswoo Prof and Ext Weed Control (PO Columbus)

12PAUL SUTTON PhD Assoc Prof Soil Chem Strip Mine Reclamation (PO Caldwell)

12G S TAYLOR PnD Prof Soil Phys (PO Columbus)

12G B TRIPLETT In PhD Prof Crop Prod 12D M VAN DOREN Jr PhD Pro: Soil Phys

12R W VAN KEUREN PhD Prof Pastures

123A C WALDHON PhD Asst Prof and Ext Pest Control (PO Columbus)

Agronomy-Continued

12L P WILDING PhD Assoc Prof Soil Mineral (PO Columbus)

12J H WILSON BS Instr Soil Anal

125W T YAMAZAKI PhD Prof Cereal Chem

12R F. YODER PhD Prof Soil Fert

8080 **Animal Science** 

123G R JOHNSON PhD Prof Sheep and Chmn of Dept (PO Columbus)

12E W KLOSTERMAN PhD Prof Beef and Assoc Chmn of Dept

12C b BOYLES MS Instr Anim Sci (PO Caldwell)

23W H BRUNER BS Asso. Prof Swine Ext Spec (PO Columbus)

12V R CAHILL PhD Prof Meat Sci (PO Columbus)

12J H CLINE PhD Prof Nutr (PO Columbus)

12B A DEHORITY PhD Assoc Prof Nutr 2A P GRIFO MS - Asst Prof Nutr

12R R JOHNSON PhD Prof Nutr

12J K JUDY PhD Asst Prof Sheep (PO Columbus)

123R M KOTTMAN PhD Prof Genet (PO Columbus)

12L E KUNKLE MS Prof Meat Sci (PO Columbus)
23C M MARTIN PhD Assoc Prof Anim Incus

2K E McCLURE MS Instr Nutr

4A L ! (OXO) PhD Prof. utr

23H W NEWLAND PhD Assoc Prof Ext Anim Indus (PO Fremont)

12H W OCKERMAN PhD Assoc Prof Meat Sci (PO Columbus)

2% M P ALMEH PhD Asst Prof Reprod Physiol 12C F PARKER PhD Assoc Prof Genet

12R F PLIMPTON Ph I Asst Prof (PO Columbus)

2H W SCOTT MS Instr Nutr

12L A SWIGER PhD Assoc Prof Genet (PO Columbus)

12H S TEAGUE PhD Prof Reprod Physiol

12W J TYZNIK PhD Prof Nutr (PO Columbus)

23B D VANSTAVERN PnD Assoc Prof Meat Sci Ext Spec (PO Columbus)

12G R WILSON PhD Assoc Prof Beef (PO Columbus) 12R F WILSON PhD Prof Swine (PO Columbus)

Dairy Science

123N L VAN DEMARK PhD Prof Physiol Reprod and Chmn of Dept (PO Columbus)

123L O GILMORE PhD Prof Anim Genet Dairy Cattle and Assoc Chmn of Dept

2F R ALLAIRE PhD Asst Prof Anim Genet (PO Columbus)

123H L BARR PhD Assoc Prof Physiol Reprod Arim Genet (PO Columbus) 12W H BRAKEL PhD Prof Anim Genet Acro. Puse to C

Columbus) 125E W BRUM PhD - Asst Prof Amin Jenet (PO Columbus)

124H R CONRAD PhD Pic: Anie, Nutr

12N S FECHHEIMER PhD Prof Cytogenet (PO Columbus)

27G F FULLER BS Instr Collab (PO Columbus) 12W R GOMES PhD Asst Prof Physiol Reprod Steroids

(PO Columbus) 12W R HARVEY PhD Prof Amim Genet Pop Statis (PO

Columbus) 12J W HIBBS PhD Prof Anim Nutr

12H CHINES PhD Asst Prof Immunochem Genet (PO Columbus) 12H E KAESER MS Assoc Prof Anim Husb Anim Nutr

(PO Columbus) 12W E KRAUSS PhD DSc Prof Anim Nutr

12T M LUDWICK PhD Prof Physiol Reprod Anim Genet (PO Columbus)

2V A NEUHARDT BS Instr Anim Husb Dairy Cattle

12D L PALMQUIST PhD Asst Prof Ruminant Nutr

12R M PORTER PhD Assoc Prof Anim Husb Immunol (PO Columbus)

125E R RADER MS Instr Anim Genet (PO Columbus) 2W H RAUSCH PhD Asst Prof Immunol (PO Columbus) 123J R STAUBUS PhD Assoc Prof Anim Nutr (PO

Columbus) 123W R TAYLOR MS Assoc Prof Dairy Records Anim Genet

(PO Columbus)

OHIO 8120-8180

Dairy Technology

Columbus)

123I A GOULD PhD Prof and Chmn of Dept (PO Columbus) 12P M T HANSEN PhD Assoc Prof Dairy Chem (PO

12W J HARPER PhD Prof Dairy Chem (PO Columbus) 12THORVALD KRISTOFFERSEN PhD Prof Dairy Microbiol (PO Columbus)

12E M MIKOL AJCIK PhD Assoc Prof Dairy Microbiol (PO Columbus)

123W L SLATTER PhD Prof Dairy Microbiol and Ext Spec (PO Columbus)

12D G VAKALERIS PhD Assoc Prof Dairy Chem (PO Columbus)

Economics (Agr) and Sociology (Rural)

8130 123D r. BOYNE PhD Prof and Chinn of Dept (PO Columbus)
124D W ADAMS PhD Assoc Prof Foreign Aar Devlpmt (PO Columbus)

12R A BAILEY PhD Prof Agr Finance (PO Columbus)
12R H BAKER PhD Prof Farm Mgt and Land Appraisal (PO Columbus)

123WALLACE BARR PhD Prof Econ Public Affairs and Outlook (PO Columbus)

12H D BAUMAN PhD Asst Prof Internatl Affairs (PO Columbus)

12E F BAUMER PhD Prof Dairy Mkta (PO Columbus) 28 F FEMDER PhD Prof Act Educ (PO Columbus)

123J S BOTTUM PhD Assoc Prof Resource Devlpmt (PO Columbus)

12M E CRAVENS PhD Prof Fruit and Vea Mkta (PO Columbus)

12C A DAME ACL PhD Prof Natural Resources (PO Columbus)

12D E HAHN PhD Asst Prof Agr Mktg (PO Columbus) 1237 G HARTER PLD As at Prof Form Mat (PO Columbus)

12G C HIMES PhD Assoc Prof Mk to and Gen Agr Econ (PO Columbus)

12L J HUSHAK PnD Asst Prof Resource Econ (PO Columbus)

123C H INGRAHAM PhD Assoc Prof Agr Bus Mgt (PO Columbus)

123R E JACOBSON Ph.D. Prof Dairy Mktg (PO Columbus)

12T L JONES PhD Assoc Prof Agr Finance (PO Columbus)

12A R MANGUS PnD Prof Rural Sociol (PO Columbus) 123B W MARION PhD Assoc Prof Food Distrib (PO Columbus)

12F B McCORMICK PhD Prof Agr Policy and Gen Agr Econ (PO Columbus)

123J B MITCHELL PhD Prof Rural Social (PO Columbus) 123J E MOORE Ph.D. Asst Prof Farm Mat (PO Columbus)
12G H PHILLIPS Ph.D. Assoc Prof Rural Sociol

(PO Columbus)

23J M PIERCE MS Instr Rural Recreation Devlomt (PO Columbus)

12R H POLLOCK PhD Asst Prof Agr Mktg (PO Columbus) 12NORMAN RASK PhD Asst Prof Farm Mgt (PO Columbus)

12R M REESER PhD Assoc Prof Farm Mgt (PO Columbus) 123J W SHARP PhD Prof Grain Mktg and Farm Supply (PO Columbus)

12E T SHAUDYS PhD Prof Farm Mgt (PO Columbus) 12R W SHERMAN PhD Prof Agr Mktg (PO Columbus)

12 J H SITTERLEY PhD Prof Form Mut and Land Econ (PO Columbus)

123M G SMITH PhD Prof Agr Policy and Foreign Agr Devlpmt (PO Columbus)

12H L STEELE PhD Assoc Prof Agr Mktg (PO Columbus) 12T T STOUT PhD Prof Livestock Mktg (PO Columbus)

125J R TOMPKIN PhD Prof Form Mat (PO Columbus) 125D C TUCKER BS Instr Agr Statis (PO Columbus)
12F EWALKER PhD Prof Quant Methods (PO Columbus) 12 W A WAYT PhD Prof Land Econ (PO Columbus)

12H C WILLIAMS PhD Prof Prod Econ (PO Columbus)

Electron Microscope Laboratory

20 E BRADFUTE PhD Asst Prof and Micros

Engineering (Agr) 8150

8140

12W H JOHNSON PhD Prof Power and Mach and Acta Chmn of Dept

Engineering (Agr)-Continued

12H J BARRE PhD Prof Structural and Environ (PO Columbus)

12J L BLAISBELL PhD Asst Prof Food Engin (PO Columbus)

12B L BONDURANT MS Prof Soil and Water (PO Columbus)

125R D BRAZEE PhD Assoc Prof Fine Particles Phys and Turbulence Diffussion

123D M BYG MS Assoc Prof Power and Mach (PO Columbus)

12R & CURRY PhD Prof Soil and Water 25N R FAUSEY MS Instr Soil and Water (PO

Columbus)

125J L FOUSS MS Instr Soil and Water (PO Columbus)
25R D FOX PhD Asst Prof Fine Particle Phys and Turbulence Diffusion

12M Y HAMDY PhD Asst Prof Power and Mach (PO Columbus)

12K A HARKNESS MS Instr Elec Power and Proc (PO Columbus)

125L L HARROLD CE Prof Soil and Water (PO Coshocton)

250 K HEDDEN BS Prof Power and Mach

12J E HENRY MS Instr Power and Mach

12F L HERUM PhD Assoc Prof Elec Power and Proc (PO Columbus)

12S G HUBER MS Prof Power and Mach (PO Columbus) 12H M KEENER MS Instr Structural and Environ

123M L PALMER MS Assoc Prof Soil andWater (PO Columbus)

125R C REEVE MS Assoc Prof Soil and Water (PO Columbus)

12W L ROLLER PhD Prof Structural and Environ 12G O SCHWAB PhD Prof Soil and Water (PO Columbus)

12E P TAIGANIDES PhD Assoc Prof Soil and Water (PO Columbus)

Forestry

12H B KRIEBEL PhD Prof Genet and Acta Chmn of Dept 123W F COWEN MF Prof For Mgt and Silvic (PO Columbus) 120 D DILLER PhD Prof and Curator Secrest Arboretum
12M M LARSON PhD Assoc Prof Physiol

12 A THIELGES PhD Asst Prof Genet

123R D TOUSE MS Assoc Prof For Indus and Util (PO Columbus)

12J P VIMMERSTEDT DF Assoc Prof Soil Chem 12A R VOGT PhD Asst Prof Physiol

12F W WHITMORE PhD Asst Prof Wood Biol

Home Economics 123LOIS A LUND PhD Prof Food and Nutr and Chmn of

Dept (PO Columbus) 12Mrs FERN E HUNT PhD Assoc Prof Household Equip and Asst to Chmn (PO Columbus)

12RUTH E DEACON PhD Prof Home Mgt Fam Econ (PO Columbus)

12Mrs JEAN D DICKERSCHEID PhD Asst Prof Child Devlpmt (PO Columbus)

12Mrs DORIS E FULTON MS Asst Prof Home Mgt (PO Columbus)

12D LOIS GILMORE PhD Prof Text and Cloth (PO Columbus)

12Mrs RACHEL I HUBBARD PhD Assoc Prof Inst Mgt (PO Columbus)

12MARY LAPITSKY PhD Prof Text (PO Columbus) 12FRANCILLE MALOCH PhD Assoc Prof Home Mort Farm Econ (PO Columbus)

12G J MOUNTNEY PhD Prof Food and Nutr (PO Columbus)
12Mrs JUDITH E NORTH MS Instr Food and Nutr (PO Columbus)

12Mrs CLARIBEL M TAYLOR PhD Assoc Prof Farm Devlpmt (PO Columbus)

12VIRGINIA M VIVIAN PhD Prof Nutr (PO Columbus)

Hofticulture 8180

123F S.HOWLETT PhD DSc Prof and Chmn of Dept 12E K. ALBAN PhD Prof Veg Crops (PO Columbus) 2J M BEATTIE PhD Prof Pomol

128 Z BERRY PhD Assoc Prof Veg Crops 12W N BROWN PhD Prof Veg Crops (PO Columbus) 12G A CAHOON PhD Prof Pomol

8180-8240 OHIO

	Veterinary Science-Continued
Horticulture-Continued	2R F CROSS DVM PhD Prof Path
12R L CLEMENTS PhD Assoc Prof Hort Proc (PO	2NORMA A FRANK MS Asst Prof Bact
Columbus) 12J F GALLANDER PhD Assoc Prof Proc	2R L GRAY DVM MS Asst Prof Physiol
12J F GAUSS PhD Asst Prof Veg Crops	12J H HELWIG DVM MS Prof Preventive Med
12J R GEISMAD Phili Prof Proc (PO Columbus)	(PO Columbus)
12W A GOULD PhD Prof Proc (PO Columbus)	12E M KOHLER DVM PhD Asst Prof Microbiol 2Y S MOHAMED DVM PhD Asst Prof Microbiol
12F O HARTMAN PhD Prof Pomol (PO Columbus)	2P D MOORHEAD DVM PhD Asst Prof Path
12R G HILL Jr PhD Prof Pomol	24D R REDMAN DVM MS Instr Immunol
12MAKOTO KAWASE PhD Assoc Prof Ornam	2C K SMITH DVM PhD Assoc Prof Immunol
12D C KIPLINGER PhD Prof Flor (PO Columbus)	12W G VENZKE DVM PhD Prof Anat (PO Columbus)
12P C KOZEL PhD Asst Prof Crncm (PO Columbus) 12D W KRETCHMAN PhD Prof Ponol and Veg Crops	
12T C McDOWELL PhD Asst Prof Flor	Zoology and Entomology 8230 123R W HINGS PhD Prof Agr Ent and Acta Chmn of Dept
25W A OITTO BS Asst Prof Fruit Brdg	125B D BARRY PhD Assoc Prof Agr Ent
12K W REISCH PhD Prof Ornam (PO Columbus)	123B D BLAIR PhD Assoc Prof Agr Ent (PO Columbus)
23H K TAYAMA PhD Assoc Prof Flor (PO Columbus)	12J D BRIGGS PhD Prof Biol Cont (PO Columbus)
	12R L CAMP⊐ELL PhD Asst Prof Agr Ent
Library 8190	12F W FISK PhD Prof Ins Physiol (PO Columbus)
2Mrs HELEN H ENLOW BE Instrand Libr	123F, Y FORSYTHE Jr PhD Assoc Prof Agr Ent
D. I. I.	12M L GILTZ PhD Prof Anim Leol (PO Columbus)
Plant Pathology 8200 1231 W DEEP PhD Profit act and Chan of Dept (PO	123D L GOLEMAN PhD Anim Ecol (PO Columbus) 12E E COOD PhD Assoc Prof Wildlife Mgt (PO Columbus)
Columbus)	12R P HOLDSWORTH Jr PhD Prof Agr Ent
12L E WILLIAMS PhD Prof Cereal Crop Dis and Assoc	(PO Columbus)
Chmn of Dept	125J K KNOKE PhD Asst Prof Agr Ent
12L J ALEXANDER PhD Prof Veg Dis Virol	12WILLI KNULLE DSc Prof Ins Physiol
12R H BOHNING PhD Prof Plant Physiol (PO Columbus)	24H R KRUEGER PhD Asst Prof Ins Physiol
20 E BRADFUTE PhD Asst Prof and Micros	12W T MOMOT PhD Asst Prof Ichthyol (PO Columbus)
12C W ELLETT PhD Prof Fungal Dis (PO Columbus)	12L R NAULT PhD Asst Prof Agr Ent
12D M GARRAWAY PhD Asst Prof Pathogen and Dis Physiol (PO Columbus)	12H F NIEMCZYH PhD Assoc Prof Agr Ent
12D T GORDON PhD Asst Prof Virol	123R I ROSE MS Instr Agr Ent 12W C ROTHENBUHLER PhD Prof Apic (PO Columbus)
12L J HERR PhD Assoc Prof Flower Dis	12G F St. AMSAUGI. PhD Assoc Prof Ins Physiol
12H A J HOITINK PhD Asst Prof Bact and Woody	123J P SLEESMAN PhD Prof Aar Ent
Ornam Dis	12G H STAIRS PhD Absoc Prof Biol Cont (PO Columbus)
123B F JANSON PhD Prof and Fixt Plant Path Phytopath	25G W STILL BS Assi Prof Agr Ent
(PO Columbus)	123T M STOCKDALE MS Asst Prof Ext Wildlife Spec
12B M JONES PhD Asst Prof Fruit Dis 124CURT LEBEN PhD Prof Antibiosis	Vetebrate Zool (PO Columbus)
	12R E TREECE PhD Prof Agr Ent
125RAYMOND LOUIE IF PhD Asst Prof Virol	
125RAYMOND LOUIE Jr PhD Asst Prof Virol 123R E PARTYKA PhD Assoc Prof and Ext Plant Path	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus)
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)	
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 12A F SCHMITTHENNER PhD Prof Forage Crop Dis	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus)
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Dept (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Dept	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212 1R E TAYLOR PhD Prof Acr Educ and Educ and Dir
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 12W L BACON PhD Asst Prof Physiol	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Porage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhE Asst Prof Physiol  123R L EAKER PhD Prof Poultry %kta (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Asst to Dir Bus Admin 1J P ARNOLD EAD Assoc Prof Educ Teacher Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  123R E COOK PhD Prof Genet and Chmn of Dept (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Dept 12W L BACON PhD Asst Prof Physiol 123R L EAKER PhD Prof Poultry Mata (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212 1R E TAYLOR PhD Prof Am Educ and Educ and Dir (614-293-7351) 1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EdD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Psychol
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mkta (PO Columbus)  12V D CHAMBERLIN RS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fiduc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EnD Assoc Prof Educ Teacher Educ 1R E CAMPE ELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C J COTRELL PhD Prof Later Inne and Indus Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mkta (PO Columbus)  12V D CHAMBERLIN RS Asst Prof Poultry 24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assist to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J OCTRELL Prof Prof Line Trave and Indus Educ 1Mrs SUTALLIF C FRANKIE Als ABMS Instructor Admin
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  8210  123R E COOK PhD Prof Genet and Chmn of Dept (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Dept  127K L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mata (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mata (PO Columbus)  12B G JAAP PhD Prof Genet (PO Columbus)  23J W MARQUAND MS Assoc Prof Poultry  133G A MARSH EVM MS Prof Dis Cont (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Educ and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EnD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL Prop. Prof Educ Trine and Indus Educ 1Mrs SULTALIE O FRANKIE Als ABMS Instr Libr Admin 1A P GARBIN PhD Assoc Prof Sociol
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Wkta (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP STORM MS Prof Dis Cont (PO Columbus)  12G J MOUNTIKEY PhD Prof Food Technol (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assist to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J OCTRELL Prof Prof Line Trave and Indus Educ 1Mrs SUTALLIF C FRANKIE Als ABMS Instructor Admin
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Porage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 127 L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mkta (PO Columbus)  124P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP W MS Prof Dis Cont (PO Columbus)  12 G J MOUNTINEY PhD Prof Food Technol (PO Columbus)  12C C NABER PhD Prof Nutr (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212 1R E TAYLOR PhD Prof Acr Educ and Educ and Dir (614-293-7351) 1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EnD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1A P GARBIN PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Acr Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Porage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry "Mta (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mata (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  23J W MARQUAKD MS Assoc Prof Poultry  123G A MARSH EVM MS Prof Dis Cont (PO Columbus)  12 G J MOUNTMEY PhD Prof Food Technol (PO Columbus)  12 C NABER PhD Prof Nutr (PO Columbus)  12 C NABER PhD Prof Nutr (PO Columbus)  12 K E NESTOR PhD Asst Prof Genet	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Biomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Acr Educ and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EnD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Social 1A P GARBIN PhD Assoc Prof Social 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Acr Educ 14hARRY HUPFMAN PhD Prof Educ Bus and Off
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  124 W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  127 L BAKER PhD Prof Poultry Wita (PO Columbus)  127 D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12G J MOUNTINEY PhD Prof Food Technol (PO Columbus)  12G C NABER PhD Prof Nutr (PO Columbus)  12K E NESTOR PhD Asst Prof Genet  12P A RENNER BS Instr Poultry	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauce and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Psychol 1C J GOTABLE PhD Assoc Prof Psychol 1C J GOTABLE PhD Assoc Prof Sociol 1C M HARMS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  127 L BACON PhD Asst Prof Physiol  123R L EAKER PhD Prof Poultry Mkta (PO Columbus)  124V D CHAMBERLIN RS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP PhD Prof Schot (PO Columbus)  12G J MOUNTLEY PhD Prof Food Technol (PO Columbus)  12C C NABER PhD Prof Nutr (PO Columbus)  12K E NESTOR PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123J F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Falue and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EdD Assoc Prof Educ Teacher Educ 1R E CAMPLETLE PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Sociol 1C M HARHS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs HUNICH S LOVEJOY EA BS Index-Abstract
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  124 W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  127 L BAKER PhD Prof Poultry Wita (PO Columbus)  127 D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12G J MOUNTINEY PhD Prof Food Technol (PO Columbus)  12G C NABER PhD Prof Nutr (PO Columbus)  12K E NESTOR PhD Asst Prof Genet  12P A RENNER BS Instr Poultry	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauce and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Psychol 1C J GOTABLE PhD Assoc Prof Psychol 1C J GOTABLE PhD Assoc Prof Sociol 1C M HARMS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  127 L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Wita (PO Columbus)  124 D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  128 G JAAP PhD Prof Genet (PO Columbus)  129 G MARQUAND MS Assoc Prof Poultry  120 A MARSH EVM MS Prof Dis Cont (PO Columbus)  126 G NABER PhD Prof Nutr (PO Columbus)  126 C NABER PhD Asst Prof Genet  129 A RENNER BS Instr Poultry  123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  128 P TOUCHBURN PhD Assoc Prof Nutr	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EdD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Art Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs HUNICH G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Art Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Porage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  129 L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mkta (PO Columbus)  124 D CHAMBERLIN ES Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  128 G JAAP PhD Prof Genet (PO Columbus)  129 W MARQUAND MS Assoc Prof Poultry  130 G MARSH DVM MS Prof Dis Cont (PO Columbus)  12 G J MOUNTNEY PhD Prof Pood Technol (PO Columbus)  12K E NESTOR PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Nutr	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EAD Assic Prof Educ Teacher Educ 1R E CAMPLELL PhD Assic Prof Educ Teacher Educ 1R E CAMPLELL PhD Assic Prof Educ Trace and Indus Educ 1Mrs SULTALLE OF FRANKIE AIS ABMS Instruction 1A P GARBIN PhD Assoc Prof Social 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occur Educ 1Mrs RUNICE 3 LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Asst Prof Libr Admin 1J H MAGISOS PhD Asst Prof Aar Educ 1JOSEPH McGIVNEY PhD Spec Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Porage Crop Dis  125 W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science  8210  126 E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  127 E COOK PhD Prof Physiol and Assoc Chmn of Deot  128 L BAKER PhD Prof Physiol  129 L BAKER PhD Prof Physiol  129 D CHAMBERLIN RS Asst Prof Poultry  24 P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  128 G JAAP PhD Prof Genet (PO Columbus)  129 M ARQUAND MS Assoc Prof Poultry  129 G MARSH EVM MS Prof Dis Cont (PO Columbus)  12 G J MOUNTNEY PhD Prof Food Technol (PO Columbus)  12 C NABER PhD Prof Nutr (PO Columbus)  12 K E NESTOR PhD Assoc Prof Microbiol (PO Columbus)  12 A RENNER BS Instr Poultry  123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  125 P TOUCHBURN PhD Assoc Prof Nutr  Public Information  8215	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauce and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Psychol 1C J GOTRELL PhD Assoc Prof Social 1C MIRRIS SULALUE O FRANKIE Als ABMS Instribit Admin 1A P GARBIN PhD Assoc Prof Social 1C MIRRIS AM Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Art Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs EUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assi Prof Libr Admin 1J H MAGISOS PhD Assi Prof Art Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assi Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  126 W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Wkta (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP PhD Prof Soot (PO Columbus)  12G J MOUNTHEY PhD Prof Food Technol (PO Columbus)  12E C NABER PhD Prof Nutr (PO Columbus)  12E C NABER PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123J F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Nutr  Public Information 8215  123A E SHOWMAN MA Prot and Ed (PO Columbus)  2E H ROCHE BA Assoc Prof and Assoc Ed	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Educ and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assist to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL Prof Prof Later Trine and Inclus Educ 1Mrs SULIALLIE C FRANKIE Als ABMS Instriction Admin 1A P GARBIN PhD Assoc Prof Social 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof And Educ 1Mrs BUNICE O LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assist Prof Libr Admin 1J H MAGISOS PhD Assist Prof Acr Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assist Prof Educ 1A J MILLER EdD Assist Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  127 L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Mkta (PO Columbus)  124 C CLAYTON PhD Assoc Prof Mata (PO Columbus)  127 C CLAYTON PhD Assoc Prof Mata (PO Columbus)  128 G JAAP PhD Prof Genet (PO Columbus)  129 J W MARQUAND MS Assoc Prof Poultry  123G A MARSH EVM MS Prof Dis Cont (PO Columbus)  12 C J MOUNTLEY PhD Prof Sond Technol (PO Columbus)  12 C NABER PhD Prof Nutr (PO Columbus)  12 C NABER PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Nutr  Public Information 8215  123A E SHOWMAN MA Prof and Ed (PO Columbus)  2E H ROCHE BA Assoc Prof and Assoc Ed  2G L BERKEY Photoa	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fauc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Sociol 1C M HARHS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14HARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs HUNICH G LOVEJOY BA BS Index-Abstract Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Aar Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assit Prof Educ 1A J MILLER EdD Assit Prof Educ 1E J MORRISON PhD Assit Prof Educ 1E J MORRISON PhD Assit Prof Educ 1E J MORRISON PhD Assit Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  126 W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Wkta (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP PhD Prof Soot (PO Columbus)  12G J MOUNTHEY PhD Prof Food Technol (PO Columbus)  12E C NABER PhD Prof Nutr (PO Columbus)  12E C NABER PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123J F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Nutr  Public Information 8215  123A E SHOWMAN MA Prot and Ed (PO Columbus)  2E H ROCHE BA Assoc Prof and Assoc Ed	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Educ and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assist to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J COTRELL Prof Prof Later Trine and Inclus Educ 1Mrs SULIALLIE C FRANKIE Als ABMS Instriction Admin 1A P GARBIN PhD Assoc Prof Social 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof And Educ 1Mrs BUNICE O LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assist Prof Libr Admin 1J H MAGISOS PhD Assist Prof Acr Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assist Prof Educ 1A J MILLER EdD Assist Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  124 F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  129K L BAKER PhD Prof Physiol  129R L EAKER PhD Prof Poultry "kta (PO Columbus)  129R C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  120 D CHAMBERLIN RS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12B G JAAP PhD Prof Genet (PO Columbus)  12G J MOUNTNEY PhD Prof Dis Cont (PO Columbus)  12C C NABER PhD Prof Nutr (PO Columbus)  12K E NESTOR PhD Asst Prof Genet  12P A RENNER BS Instr Poultry  123I F STEPHENS PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Mutr  Public Information 8215  123A E SHOWMAN MA Prof and Ed (PO Columbus)  2E H ROCHE BA Assoc Prof and Assoc Ed  2G L BERKEY Photoa  2K R EDWARDSEN BA Asst Prof and Asst Ed	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education 8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Educ and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assist to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J OCTRELL PhD Assoc Prof Psychol 1C J OCTRELL PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Art Educ 1Mrs EUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assist Prof Libr Admin 1J H MAGISOS PhD Assist Prof Art Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assist Prof Educ 1A J MILLER EdD Assist Prof Educ 1E J MORRISON PhD Assist Prof Educ 1E J MORRISON PhD Assist Prof Educ 1E H ROWL MC Assoc Prof Educ 1E J Special Prof Educ 1E ROWL MC Assoc Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210 123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 127K L BACON PhD Asst Prof Physiol 123R L BAKER PhD Prof Poultry Mkta (PO Columbus) 127 D CHAMBERLIN RS Asst Prof Poultry 24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus) 128 G JAAP PhD Prof Genet (PO Columbus) 129 J W MARQUAND MS Assoc Prof Poultry 133G A MARSH DVM MS Prof Dis Cont (PO Columbus) 126 J MOUNTINEY PhD Prof Food Technol (PO Columbus) 127 A RENNER BS Instr Poultry 123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 128 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 129 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 120 L BERKEY Photoq 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L ROBEY Photoq	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny, Road, Columbus 43212  1R E TAYLOH PhD Prof Am Flduc and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD End Assoc Prof Educ Teacher Educ 1R E CAMPE ELL PhD Assoc Prof Educ Teacher Educ 1R E CAMPE ELL PhD Assoc Prof Educ Inne and Indus Educ 1Mrs SULLALUE C FRANKIE Als AIBMS Instrictor 1A P GARBIN PhD Assoc Prof Social 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Aar Educ 14AARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs HUNICE G LOVEJOY BA BS Index-Abstruct Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Aar Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assit Prof Educ 1L J MORRISON PhD Assit Prof Educ 1H E ROWL MS Assoc Prof Educ 1H R ROWL MS Assoc Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis  12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot  12W L BACON PhD Asst Prof Physiol  123R L BAKER PhD Prof Poultry Wita (PO Columbus)  12V D CHAMBERLIN BS Asst Prof Poultry  24P C CLAYTON PhD Assoc Prof Poultry  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Genet (PO Columbus)  12R G JAAP PhD Prof Senet (PO Columbus)  12G J MOUNTNEY PhD Prof Food Technol (PO Columbus)  12G J MOUNTNEY PhD Prof Food Technol (PO Columbus)  12K E NESTOR PhD Assoc Prof Microbiol (PO Columbus)  12K E NESTOR PhD Assoc Prof Microbiol (PO Columbus)  12K E NESTOR PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus)  12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus)  22 H ROCHE BA Assoc Prof and Assoc Ed  2C L BERKEY Photoq  2K R EDWARDSEN BA Asst Prof and Asst Ed  2C L HOBEY Photoq  Statistics 8220	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauce and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Sociol 1C J GOTRELL PhD Assoc Prof Sociol 1C M HARHS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Art Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs RUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assi Prof Libr Admin 1J H MAGISOS PhD Assi Prof Art Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assi Prof Educ 1A J MILLER EdD Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B H ROWL MC Assoc Prof Educ 1B H ROWL MC Assoc Prof Educ 1B ROWL MC Assoc Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210 123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 127K L BACON PhD Asst Prof Physiol 123R L BAKER PhD Prof Poultry Mkta (PO Columbus) 127 D CHAMBERLIN RS Asst Prof Poultry 24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus) 128 G JAAP PhD Prof Genet (PO Columbus) 129 J W MARQUAND MS Assoc Prof Poultry 133G A MARSH DVM MS Prof Dis Cont (PO Columbus) 126 J MOUNTINEY PhD Prof Food Technol (PO Columbus) 127 A RENNER BS Instr Poultry 123 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 128 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 129 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 120 L BERKEY Photoq 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L ROBEY Photoq	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fidue and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EdD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J OOTSELL Pris Prof Laire Irrue and Indius Educ 1Mrs SULIALITE OF FRANKIE Als ABMS Instrictor 1A P GARBIN PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Adr Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs EUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Adr Educ 1JOSEPH McGIVNEY PhD See Educ 1R F MECKLEY PhD Assit Prof Educ 1A J MILLER EdD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B H ROWL MS Assoc Prof Educ 1B ROWL MS Assoc Prof Educ 1B ROWL MS Assoc Prof Educ 1B RARMBROD PLD Prof Agr Educ 1Mrs CELIANNA I WILSON MS Coord Inform Retrieval Div and Assoc Prof Libr Admin
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210 123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Asst Prof Physiol 123R L BAKER PhD Prof Poultry Mkta (PO Columbus) 124P C CLAYTON PhD Assoc Prof Muta (PO Columbus) 126 G JAAP PhD Prof Genet (PO Columbus) 127 G JAAP PhD Prof Genet (PO Columbus) 128 G MARGUANE MS Assoc Prof Poultry 1293G A MARSH EVM MS Prof Dis Cont (PO Columbus) 126 C NABER PhD Prof Nutr (PO Columbus) 127 A RENNER BS Instr Poultry 128 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 128 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 129 P TOUCHBURN PhD Assoc Prof Mutr  Public Information 8215 120 R BROWHAN MA Prof and Ed (PO Columbus) 2E H ROCHE BA Assoc Prof and Assoc Ed 2G L BERKEY Photoa 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L HOBEY Photoa  Statistics 8220	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blottet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Art Fauce and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Sociol 1C J GOTRELL PhD Assoc Prof Sociol 1C M HARHS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Art Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs RUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assi Prof Libr Admin 1J H MAGISOS PhD Assi Prof Art Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assi Prof Educ 1A J MILLER EdD Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B H ROWL MC Assoc Prof Educ 1B H ROWL MC Assoc Prof Educ 1B ROWL MC Assoc Prof Educ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210 123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 12W L BACON PhD Asst Prof Physiol 123R L EAKER PhD Prof Poultry "kta (PO Columbus) 12V D CHAMBERLIN RS Asst Prof Poultry 24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus) 12R G JAAP PhD Prof Genet (PO Columbus) 12R G JAAP PhD Prof Genet (PO Columbus) 12G J MOUNTNEY PhD Prof Dis Cont (PO Columbus) 12G C NABER PhD Prof Nutr (PO Columbus) 12E C NABER PhD Prof Nutr (PO Columbus) 12K E NESTOR PhD Asst Prof Genet 12P A RENNER BS Instr Poultry 123I F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Matrophy (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Matrophy (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Matrophy (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Matrophy (PO Columbus) 2E H ROCHE BA Assoc Prof and Assoc Ed 2G L BERKEY Photoa 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L HOBEY Photoa  Statistics 8220 12C R WEAVER PhD Prof and Statis Biomet	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fidue and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EdD Assoc Prof Educ Teacher Educ 1R E CAMPLELL PhD Assoc Prof Psychol 1C J OOTSELL Pris Prof Laire Irrue and Indius Educ 1Mrs SULIALITE OF FRANKIE Als ABMS Instrictor 1A P GARBIN PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Adr Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs EUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Adr Educ 1JOSEPH McGIVNEY PhD See Educ 1R F MECKLEY PhD Assit Prof Educ 1A J MILLER EdD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B H ROWL MS Assoc Prof Educ 1B ROWL MS Assoc Prof Educ 1B ROWL MS Assoc Prof Educ 1B RARMBROD PLD Prof Agr Educ 1Mrs CELIANNA I WILSON MS Coord Inform Retrieval Div and Assoc Prof Libr Admin
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus) 124 F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210 123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 124K I BROWN PhD Asst Prof Physiol 123R L BAKER PhD Prof Poultry Mkta (PO Columbus) 124P C CLAYTON PhD Assoc Prof Muta (PO Columbus) 126 G JAAP PhD Prof Genet (PO Columbus) 127 G JAAP PhD Prof Genet (PO Columbus) 128 G MARGUANE MS Assoc Prof Poultry 1293G A MARSH EVM MS Prof Dis Cont (PO Columbus) 126 C NABER PhD Prof Nutr (PO Columbus) 127 A RENNER BS Instr Poultry 128 F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 128 P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 129 P TOUCHBURN PhD Assoc Prof Mutr  Public Information 8215 120 R BROWHAN MA Prof and Ed (PO Columbus) 2E H ROCHE BA Assoc Prof and Assoc Ed 2G L BERKEY Photoa 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L HOBEY Photoa  Statistics 8220	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43212  1R E TAYLOR PhD Prof Am Fidue and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EnD Assoc Prof Educ Teacher Educ 1R E CAMPE ELL PhD Assoc Prof Educ Teacher Educ 1R E CAMPE ELL PhD Assoc Prof Psychol 1C J COTRELL PhD Assoc Prof Psychol 1C M GARBIN PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Educ Bus and Off Occup Educ 1Mrs HUNICH GLOVEJOY BA BS Index-Abstract Educ Inform Retrieval Div and Assi Prof Libr Admin 1J H MAGISOS PhD Assi Prof Adr Educ 1JOSEPH McGIVNEY PhD Spec Educ 1R F MECKLEY PhD Assi Prof Educ 1A J MILLER END Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B J MORRISON PhD Assi Prof Educ 1B H ROWL MC Assoc Prof Educ 1B H ROWL MC Assoc Prof Educ 1B R ROWL MC Assoc Prof Ince Health Occup 1HAROLD STARR PhD Spec Psychol 1J R WARMBROD PhL Prof Aer Educ 1Mrs CELIANNA I WILSON MS Coord Inform Retrieval Div and Assoc Prof Libr Admin 1R C YOUNG PhD Asst Prof Econ
123R E PARTYKA PhD Assoc Prof and Ext Plant Path Phytopath (PO Columbus)  12A F SCHMITTHENNER PhD Prof Forage Crop Dis 12A W TROXEL PhD Assoc Prof Virol (PO Columbus)  Poultry Science 8210  123R E COOK PhD Prof Genet and Chmn of Deot (PO Columbus)  124K I BROWN PhD Prof Physiol and Assoc Chmn of Deot 12W L BACON PhD Asst Prof Physiol 123R L BAKER PhD Prof Poultry Wkta (PO Columbus) 12V D CHAMBERLIN BS Asst Prof Poultry 24P C CLAYTON PhD Assoc Prof Mkta (PO Columbus) 12R G JAAP PhD Prof Genet (PO Columbus) 12R G JAAP PhD Prof Genet (PO Columbus) 12B G JAAP PhD Prof Soot (PO Columbus) 12G J MOUNTHEY PhD Prof Food Technol (PO Columbus) 12 G J MOUNTHEY PhD Prof Nutr (PO Columbus) 12K E NESTOR PhD Asst Prof Genet 12P A RENNER BS Instr Poultry 123J F STEPHENS PhD Assoc Prof Microbiol (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 12S P TOUCHBURN PhD Assoc Prof Microbiol (PO Columbus) 2E H ROCHE BA Assoc Prof and Assoc Ed 2G L BERKEY Photoa 2K R EDWARDSEN BA Asst Prof and Asst Ed 2K II REMY BS Asst Prof and Asst Ed 2C L ROBEY Photoa  Statistics 8220 12C R WEAVER PhD Prof and Statis Biomet  Veterinary Science 8225 12L C FERGUSON DVM PhD Prof Microbiol and Chmn of	12C A TRIPLEHORN PhD Prof Taxon (PO Columbus) 12C R WEAVER PhD Prof Blomet  Center for Research and Leadership Development in Vocational and Technical Education  8235  1900 Kenny Road, Columbus 43:212  1R E TAYLOR PhD Prof Am Fadre and Educ and Dir (614-293-7351)  1W A LOSONCY MS Assit to Dir Bus Admin 1J P ARNOLD EafD Assoc Prof Educ Teacher Educ 1R E CAMPEELL PhD Assoc Prof Educ Trace and Indius Educ 1Mrs SULTALLE Pole Prof Later Trace and Indius Educ 1Mrs SULTALLE C FRANKIE Als ABMS Instrictor 1A P GARBIN PhD Assoc Prof Sociol 1C M HARRIS MA Acquisitions Spec Inform Retrieval Div 1J W HENSEL PhD Assoc Prof Adr Educ 14hARRY HUFFMAN PhD Prof Educ Bus and Off Occup Educ 1Mrs EUNICE G LOVEJOY EA BS Index-Abstract Educ Inform Retrieval Div and Assit Prof Libr Admin 1J H MAGISOS PhD Assit Prof Adr Educ 1JOSEPH McGIVVEY PhD See Educ 1R F MECKLEY PhD Assit Prof Educ 1A J MILLER END Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B J MORRISON PhD Assit Prof Educ 1B H ECKLEY PhD Assit Prof Educ 1B H ROWL MS Assoc Prof Educ 1B H ROWL MS Assoc Prof Educ 1B R WARMBROD PhD Prof Art Educ 1B C WALLE ASSOC Prof Libr Admin 1R C YOUNG PhD Assit Prof Econ

8280

8290

8300

8320

## Branches-Continued

Mahoning County Farm. (PO Canfield 4406)

2C A MORRISON Mar

Muck Crops Br (PO Willard 44890)

2E H POSTEMA Mgr

North Central Sr (PC Vickery 43464)

2R L EBY MS Instr Mgr

Northwestern Br (PO Custar 43511)

2C S ZIMMERMAN BS Instr Mgr

Southeastern Br (PO Albany 45710)

2R R BISHOP BS Instr Mar

Southern or (PO Ripley 45167)

2J D WELLS MS Asst Prof and Ext Spec Mar

Vegetable Crops by (PO Marietta 45750)

2H M RACER Mor

Western br (PO South Charleston 45368)

2J H FOSTER LS Instr Mar

Overlook Farm (PO Carroll 43112)

2R J QUAINTANCE BS Instr Mar

Eastern Ohio Hesource Development Center (PO Caldwell 43724)

2T F WONDERLING BS Coord of Res Oper (PO Wooster 44691)

2C B BOYLES MS Instr Mar (PO Caldwell)

### OK! AHOMA

Oklahoma State University of Agriculture and Applied Science, the Agricultural Experiment Station, and the Agricultural Extension Service Stillwater 74074

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

### 8250

23R B KAMM PhD Pres of Univ (405-372-6211) 11 II BOGGS PhD Vice Pres for Res Inst and Res

2L E HAWKINS PnD Dir of Sta (Emeritus)

123,J A WHATLEY PhD Deam and Dir of Sta (405-372-6211)

1R J JONES PhD Deam of Resident Instr (405-372-6211 Ext 266)

2.J. C. MI KRAY PhD Assoc Dir of Acr Res (405-372-6211 ext 269)

1K R REINHARD DVM PhD Dean of Vet Med

(405-377-6211 ext 247) 1FRED LECRONE MS Dir of Stud Pers in Agr

12ENOCH NEEDHAM BS Comptroller

12JA PATTILLO BS Asst to Decon and Dir

8260 Agronomy

123R S MATLOCK PhD Prof and Head of Dept

25R M AHRING MS Asst Prof Forage Crops

13R C ARLOLD BS Assoc Agron Fdn Seed 2J M BAKER Jr BS Instr

25D J BANKS PhD Assoc Prof

3W E BAUMANN MS Ext Agron
2O H BRENSING MS Asst Prof Soils

12J S BROOKS PhD Prof Field Crops

3R E CHILES MS Pasture Spec

2w W CHRUDIMSKY MS Instr 12L I CROY PhD Asst Prof

25J R CUL VER MS Instr

12J M DAVIDSON PhD Assoc Prof

12F F DAVIES MS Assoc Prof Field Crops

12C E DENMAN MS Asst Prof Field Crops

1L II FLUWARES PhD Asst Prof Small Grains

12W C ELDER MS Assoc Prof Field Crops

25H M ELWELL BS Instr Field Crops

23E L GRANSTAFF Secy OCIA

2J E GRAVES Assoc Secy OCIA 12FENTON GRAY PhD Prof Soils

3H A GREER PhD Weed Control Spec

12WAYNE HUFFINE PhD Prof Field Crops

3F E LeGRAND PhD Ext Crop Spec

12J Q LYND PhD Prof Soils

3E & McCOhl Fl.L. Ext Forage Crops

12W E Mc MURPHY PhD Asst Prof

12L G MORRILL PhD Assoc Prof

2H R MYERS MS Farm Supt 2R M OSWALT MS Asst Prof Field Crops

Agronomy-Continued

2HARTWILL PASS MS Asst Prof Field Crops

12L W hELE PhL Prof Soils

12h M nEEL Paul Prof Soils

2W L RICHARDSON MS Asst Prof Field Crops

12D A SANDER PhD Asst Prof Field Crops

12P % SANTLIMANN PhL Prof

25E L SEEGLUI A Pol. Assect ref Field Crops

12E S SMITH PhD Assoc Prof 12J F STONE PhD Assoc Prof Soils

3L D TRIPP MS Assoc Ext Agron

123B B TUCKER PhD Prof Soils and Ext Agron

1L M VERHALEN PhD Asst Prof

12D E WEIBEL PhD Prof Field Crops

Biochemistry

12R E KOEPPE PhD Prof and Head of Dept

12D C ABBOTT MS Assoc Prof 12K E EBNER PhD Assoc Prof

12H K GHOLSON PhD Assoc Prof

12P E GUIRE PnD Asst Prof 12F R LEACH PhD Prof

12E D MITCHELL PLD Asst Prof

12E C NELSON PhD Assoc Prof

12G V ODELL PhD Assoc Prof

12H O SPIVEY PhD Asst Prof

12G R WALLER PhD Prof

Botany and Plant Pathology

2J L' THOMAS PhD Prof and Head of Dept

2G L BARNES PhD Assoc Prof 2EDDIE BASLER Jr PhD Prof

25L A BRINKERHOFF PhD Prof

25GENE GUINN PhD Asst Prof

25R E HUNTER PhD Instr

2T A KUCHAREK MS Instr

2L S MORRISON MS Asst Prof 12C C RUSSELL PhD Asst Prof

12SUNIL SARAN PhD Instr

13R V STURGEON PhD Plant Path

2G W TODD PhL Prof 2D F WADSWORTH PhD Asst Prof

2H C YOUNG PhD Prof

Communications (Agr)

12R H BURLEY BS Agr Writer

3H T COZART BS Asst Ed 3H J DEDRICK MS Ext Radio and TV

23P C DONAVAN MS Asst Ed

3J L DRUMMOND BA Assoc Ext Ed 3JEAN A SHIPMAN MS Asst Ext Ed

23J R STREETER BS Asst Ed

23C N VOYLES MS Assoc Prof and Pubs Ed

Economics (Agr)

 ${\bf 1234} {\sf J} \; {\sf SPLAXICO} \; {\sf PhD} \quad {\sf Prof} \; {\sf and} \; {\sf Head} \; {\sf of} \; {\sf Dept}$ 

25J S ATHERTON MS Asst Prof 12D D BADGER PhD Assoc Prof

3D E BARRETT MS Ext Econ Resource Devlpmt

123 L V BLAKLEY PhD Prof and Acta Head of Dept

12G P COLLINS MS Assoc Prof

3R E DAUGHERTY MS Ext Econ Livestock Mkta

12K C DAVIS PhD Assoc Prof 12V R EIDMAN PhD Asst Prof

3J R ENIX MS Ext Econ Wheat Mktq

21.R FRANZMANN PhD Assoc Prof

12J W GOODWIN PhD Assoc Prof

25W A HALLBROOK MS Instr

3J C HAMIL TON MS Ext Econ Consum Mkta (Tulsa Okla)

2R E HATCH MS Res Assoc

3D B JEFFREY MS Ext Econ Form Mort

12D E KLETKE MS Asst Prof

2Y C LU PhD Asst Prof

3CECIL MAYNARD MS Ext Econ Farm Mgt 12F P McCAMLEY PhD Asst Prof

3T R NELSON PhD Ext Form Mot

3R L PAGE MS Ext Econ Grain Mkta 12L A PARCHER PhD Prof

8320-8380 OKLAHOMA

Economics (Agr)—Continued	Forestry-Continued
12W D PURCLLL PhD Asst Prof	12C E POSEY PhD Assoc Prof
1CL QUANCE PhD Asst Prof	12D W ROBINSON MF Asst Prof
3R W SCHERMERHORN PhD Ext Econ Mktq 12D F SCHREINER PhD Asst Prof	12T H SILKER MS Asst Prof 12J L TEATE PhD Asst Prof
2G R SLOGGETT MS Res Assoc	12NATHANIEL WALKER MS Assoc Prof
12P L STRICKLAND Jr PhD Assoc Prof	•
2J F TOMLINSON MS Asst Prof	Home Economics 8380
12L G TWELTEN PhD Prof	1LELA O'TOOLE PhD Dean of Div of Home Econ
120 L WALKER PhD Prof	1HELEN F BARBOUR PhD Prof and Head of Food Nutr and Inst Admin
3H E WARD PhD Econ Outlook and Policy	JUNE COZINE PhD Prof and Head of Dept of Home
Education (Agr) 8330	Econ Educ
1R R PRICE EdD Prof and Head of Dept	1PAULINE CUNNINGHAM MS Assoc Prof Home Econ
1W V HULL EdD Asst Prof	and Asst to Dean
1R G MEISNER BS Asst Prof 1M G NOWL AND PhD Asst Prof	3JANELLE ALLISON MS Ext Cloth Spec
IM G NOWLAND PILD ASSI FIOI	1Mrs FLOYE AUDREY BS Instr Fam Relat and Child Devlpmt
Engineering (Agr) 8340	1HAZEL BAKER MS Asst Prof Food Nutr and Inst
123E W SCHROEDER MS Prof and Head of Dept	Admin
12A D BAREFOOT MS Instr	3Mrs MAJORIE Y EAKER MS Ext Cloth
12D G BATCHELDER MS Asst Prof 3WENDELL BOWERS MS Ext Agr Engin	1MARY C BARNES MA Asst Prof Food Nutr and Inst Admin
1G E COOK MS Asst Prof	1Mrs LEENA J BAXTER MS Instr
12F R CROW MS Assoc Prof	3Mrs DOROTHY G BLACKWELL MS Ext Home Mgt Spec
3R B DUFFIN PhD Imia Spec	1VIVIAN S BOWLES BS Instr Food Nutr and Inst
12J E GARTON PhD Prof	Admin
25W R GWINN MS Asst Prof 25G G HEBAUS MS Instr	1Mrs ALENE BROWN MS - Asst Dietition and Instr Food Nutr and Inst Admin
3E M LEWIS MS Ext Rural Elec	1Mrs LORA CACY PhD Asst Prof Home Econ Educ
3PAT LEWIS BS Ext Draftsman	1MECHOLE M CALLAHAN MS Instr
12G W MAHONEY MS Asst Prof	1MARGARET S CALLSEN MS Asst Prof Home E∞n Educ
25D K McCOOL PhD Assoc Prof	3LUCILLE A CLARK MS Ext Econ Housing and
12G L NELSON PhD Prof 3M D PAINE MS Ext Agr Engin	Home Equip  3Mrs WILLA R COMBS MS Human Resource Devlpmt
12J G PORTERFIELD MS Prof	1Mrs MARY M COX MS Asst Prof Fam Relat and Child
25W O REE BS Assoc Prof	Devlpmt
2C E RICE MS Asst Prof	1MARTHA E CHAWEOH! MS Instr Home Econ Educ
12L O ROTH MS Assoc Prof	3T S CUNNINGHAM PhD For Life
3D P SCHWAB MS Ext Civ Def 12R W WHITNEY BS Instr	1ANN CURD MS Instr Fam Relat and Child Devlomt 3SHERRY DAVISON MS Foods and Nutr
Ight with the mon	1ELLEN FLOTTMAN MS Asst Prof Cloth Text and
Extemology 8350	Merchandising
12D E HOWELL PhD Prof and Head of Dept	1Mrs GROVALYNN F GOULD EdD Asst Prof Cloth
25H L CHADA PhD Prof	Text and Merchandising  1KATHRYN M GREENWOOD MA Asst Prof Housing and
3STANLEY COPPOCK PhD Ext Ent 12W A DREW PhD Assoc Prof	Int Design and CTM
12R D EIKENBARY PhD Assoc Prof	1DONICE A HAWES PhD Prof and Head Cloth Text
3N W FLORA PhL Ext Ent	and Merchandising
3J M LAMDIN BS Surv Ent Inst	1MARY S HERNDON MS Asst Prof Home Mat and Fam Relat
12R G PRICE PhD Asst Prof 12R R WALTON PhD Prof	1ELIZABETH HILLIER PhD Assoc Prof Home Econ
25E A WOOD Jr MS Asst Prof	Educ and Home Econ Pakistan Prog
12J H YOUNG PhD Prof	1Mrs JOSEPHINE W HOFFER EdD Assoc Prof Fam Relat
	and Child Devlpmt
Extension Administration and Supervision 8360	1HAZEL INGERSOLL PhD Prof Fam Relat and Child Devlpmt
13J C EVANS PhD Vice Pres for Ext (Area Code 405-	1Mrs MARGARET A JONES MS Instr Fam Relat and
372-6211 Ext 212) 3A H CASEY EdD Dir Pers Devlomt	Child Devlpmt
3G S ABSHIER PhD Dir Community and Indus Prog	1DELORES E JORGENSON EdD Asst Prof Home
3E D HUNTER MS Dir Prog Devlomt	Econ Educ  1 Mrs LORENE W KEELER MS Instr Fam Relat and
3SEWELL SKELTON MS Asst to Vice Pres	Child Devlpmt
3W F TAGGART EdD Dir of Ext Col of Agr 3WARD BLOCKER MS Dir Fiscal Mgt	1MOLLY KEITH MS Instr Home Mgt Equip and Fam
3GRACE L SPIVEY EdD State Ext Home Econ	Econ
3IKMA MANNING MS   Dist Fxt Home Econ	1Mrs BEULAH M KINNEY MS Asst Prof Fam Relat
3EDNA MAE BAKER MS Dist Ext Home Econ	and Child Devlpmt  1MARY E LEIDIGH MS Assoc Prof Food Nutr and Inst
3H E CHAMBERS MS Dist Dir 3Mrs LADORA C SMITH MS Dist Ext Home Econ	Admin Assoc Prof Food Nutr and Inst
3W N COOK MS Dist Dir	1LEONE LIST MA Asst Prof Fam Relat and Child
3V L DEATON MS Dist Dir	Devipmt
3Mrs ELMA P GARNER MS Dist Ext Home Econ	1J J MacALLISTER MA Assoc Prof and Dir of Sch of
3WILDA SCHAFFER BS Dist Ext Home Econ	Hotel and Restaurant Admin  1Mrs GLADYS B MARSHALL MS Asst Prof Fam Relat
3E S PARHAM MS Dist Dir	and Child Devlomt
3EDWARD GREGORY MS Dist Dir	1DIXIE K McKENZIE MS Instr
Forestry 8370	1FLORENCE McKINNEY PhD Assoc Prof Home Mgt
123E E STURGEON PhD Prof and Head of Dept	and Fam Relat and Coord of Pakistan Prog
3C L CLIMEINES Ext Econ For Prods (PO Antlers) 3M R CRAIGHEAD BS Ext For	1SARA D MEADOR MS Assoc Prof Cloth Text and Merchandising
IN IT OTHER DESIGNATION	

8380-8440

8420

OKLAHOMA Veterinary Medicine Home Economics-Continued VETERINARY ANATOMY 1Mrs GERTRUDE MEANS MS Asst Prof Home Mgt 12D R PETERSON DVM MS Prof and Head of Dept Equip and Fam Econ 1J D FRIEND DVM MS Assoc Prof 1R R POOL Jr DVM PhD Asst Prof 1T E STALEY DVM MS Asst Prof 1Mrs MARY MILLER MS Instr Fam Relat and Child Devlomt 1Mrs KAY R MURPHY MS Instr 1MILTON PASCHALL MS Asst Prof Housing and Int 1J H VENABLE DVM PhD Prof Design VETERINARY MEDICINE AND SURGERY 1LEEVERA PEPIN MS Asst Prof Housing and Int 12J W WOLFE DVM Prof and Head of Dept Design 1J D BELL DVM Instr 3RUTH PETERMANN MS Ext Spec Food and Nutr 1THELMA R PRANGE BS Asst Dietitian and Instr 1M J BOJRAB DVM Instr 1R G BUCKNER DVM MS Assoc Prof Food Nutr and Inst Admin 2Mrs FRANKEE ELIOT DVM Instr 1Mrs CHRISTINE F SALMON MA Assoc Prof Housing 1TS ELIOT DVM Instr and Int Design 1LESTER JOHNSON DVM Prof 12DOROTHY SAVILLE MS Prof Cloth Text and 1E M JONES DVM Assoc Prof 1E W JONES MRCVS PhD Prof Merchandising and Home Econ Res 1ELIZABETH STARKWEATHER PhD Assoc Prof Fam 1Tr.CMAS MONIN DVM Asst Prof 1N B TENNILLE DVM Prof Relat and Child Devlpmt 1NICK STINNETT Jr PhD Fam Relat and Child 1T R THEDFORD DVM Asst Prof Devlomt 1E I WILLIAMS MRCVS FRCVS Assoc Prof 1Mrs FRANCES STROMBERG PhD Fam Relat and Child Devlpmt VETERINARY PARASITOLOGY AND PUBLIC HEALTH 1Mrs LOUISE WAKELEE MS Asst Prof Food Nutr and 12.1 W WOLFF DVM Prof and Acta Head of Dept
1P B BARTO DVM PhD Prof
1L is LELLI DVM PhD Assic Prof
12.6 E CORSTVET PhD Assoc Prof Inst Admin 1Mrs APVILLA WEST MS Asst Prof Food Nutr and Inst Admin 1ALEXANDER GREENFIELD DVM Instr Horticulture 8390 123W R KAYS MS Assoc Prof and Head of Dept 12C D GERMANY BS Farm Supvr VETERINARY PATHOLOGY 12A W MONLUX DVM PhD Prof and Head of Dept 12H A HINRICHS MS Asst Prof 12W E BROCK DVM PhD Prof 3J S OWNBY MS Ext Omom Hort 1J F CORCORAN DVM MS Prof 12R N PAYNE PhD Assoc Prof 12F A ROMSHE BS Assoc Prof 12H J THOMSONMS Instr 1B L GLENN DVM PhD Prof 12I O KLIEWEF MS Asst Prof 1A L MALLE LVM Prof 3E LWHITEHEAD BS Ext Hort 16 I OSBURN DVM PhD Assoc Prof 1R J PANCIERA DVM PhD Prof 8400 Institute of Animal Sciences and Industry 12C C PEARSON DVM Assoc Prof .23J C HILLIER PhD Prof and Head of Dept 3C H BURTON EdD Ext Dairy 1J P RUPP MS Instr 12J E SMITT DVM PhD Assoc Prof 12L J BUSH PhD Assoc Prof Dairy 12R R FRAHM PhD Asst Prof Anim Sci VETERINARY PHYSIOLOGY AND PHARMACOLOGY 12J C GILBREATH Jr PhD Assoc Prof Poultry 12L E McDONALD DVM PhD Prof and Head of Dept 3D R GILL PhD Ext Livestock Nutr 12C G BEAMES PhD Assoc Prof 12J J GUENTHER PhD Assoc Prof Meats 1R L RELL. DVM PhD Asst Prof 25D R HAMMONS BS Asst Prof Meats 12CLAUDE DESJARDINS PhD Asst Prof 2CAROLYN K HARMON MS Instr Poultry 4L L EWING PhD Assoc Prof 1D D GOETSCH. DVM PhD Prof 12R L HENRICKSON PhD Prof Meats 124P E JOHNSON MS Asst Prof Dairy 1J G HURST PhD Asst Prof 3W G LUCE PhD Livestock swine 1D P JENNINGS DVM PhD Asst Prof 2M A MALONEY MS Instr Poultry 2C W MAXWELL PhD Asst Prof 12M C MORRISSETTE DVM PhD Prof 12W S NEWCOMER PhD Prof 12J E McCROSKEY PhD Assoc Prof Anim Sci 1J M OYLER DVM Asst Prof 12J B MICKLE PhD Prof Dairy 12G H STABENFELDT DVM PhD Assoc Prof 12G W NEWELL PhD Assoc Prof Poultry 3C W NICHOLS PhD Ext Anim Brdg Miscellaneous 12R L NOBLE PhD Prof Sheep 3R W ALTMAN PhD Ext Wildlife Spec 12H COLSON PhD Prof Dairy 2D E BEE PhD Asst Prof 12I TOMTVEDT PhD Assoc Prof Anim Sci 3JEANETTE L CAPNES BS Assoc State 4-H Ldr 3T W LEE MS Ext Acct 3J E PENDLETON BS Ext Dairy 2C E MARSHALL PhD Prof Statis
3MARY S McBPOOM BS Asst State 4-H Ldr 12D D PINNEY PhD Assoc Prof Anim Sci 3C W RICHARDSON PhD Ext Livestock Nutr 2H D MORRISON PhD Prof Statis 12C A ROBERTS MS Assoc Prof Poultry -3J C NELSON BS Mach Acct
3R A PARKET MS Assoc State 4-H Club Ldr
3BILL STROM PhD State 4-H Proq
2D L WEEKS PhD Assoc Prof Statis 1A A RUTLEDGE BS Beef Cattle Herdsman 2J P SMITH MS Instr Anim Sci 12V P STOUT BS Instr Dairy Sci 1M L SUTHERS BS Beef Cattle Herdsman 12R H THAYER PhD Prof Poultry Sci 12A D TILLMAN PhD Prof Anim Nutr 3FUGENE WILLIAMS PhD State 4-H Prog Ldr

12ROBERT TOTUSEK PhD Prof Anim Sci

12R L VON GUNTEN MS Asst Prof Dairy Sci 12L E WALTERS PhD Prof Meats

12M E WELLS PhD Assoc Prof Dairy Sci 12J W WEST PhD Prof and Head Poultry Sci Div

25E J TURMAN PhD Prof Anim Sci

12J V WHITEMAN PhD Prof Anim Sci

Special Stations Caddo Peanut Res Sta (PO Fort Cobb)

2C W CARROLL Foreman Cotton Res Sta (PO Chickasha) 2E S OSWALT MS Supt 2W E TAYLOR MS Asst Prof Eastern Okla Field Sta (PO Stilwell)

2J S SPIER ES Supt Eastern Okla Pasture Sta (PO Oktaha) 8440

8430

Special Stations-Continued

2W W FULLER MS Sta Supt

Ft Reno Expt Sta (PO El Reno)

25R E RENBARGER MS Asst Sta Supt

2S R SIMON BS Instr

25D F STEPHENS MS Supt

Irrig Expt Sta (PO Altus and Blair)

2D P PROPHET MS Supt (PO Altus) 2CHARLES GALEOTTI BS Supt (PO Lone Wolf)

Kiamichi Field Sta (PO Idabel)

2R B McCULLOUGH BS Sta Supt

Panhandle Expt Sta (PO Goodwell)

2J P ALEXANDER MS Asst Prof

Peanut Res Sta (PO Stratford)

2W N STOKES Foreman

Pecan Res Sta (PO Sparks)

2H L DAVIS Supt

Sandy Land Res Sta (PO Mangum) 2R W FORAKER MS Asst Prof

Southwestern Okla Cotton Sta (PO Tipton)

2C L FOX Foreman

U.S. Southern Great Plains Sta (PO Woodward)

25E H McILVAIN Jr MS Supt

2P W VOIGT PhD Asst Prof

Veg Res Sta (PO Bixby)

2J E MARSHALL BS Supt

Vet Res Inst Field Lab (PO Pawhuska)

2I O KLIEWER MS Asst Prof 2ROSCOE MARTIN Foreman

2C C PEARSON DVM Assoc Prof

Langston University Langston 73050

1College Staff

1W H HALE PhD LHD Pres of Univ (405 HO 6-2220)

1W E SIMS EdD Dean of Academic Affairs (405 HO 6-2281-Ext 207)

1E L HOLLOWAY MS Dean of Stud Affairs (405 HO 6-2281 Ext 214)

1Mrs OPHELIA J MALONE BS Supvr Nursery Sch (405 HO 6-2281 Ext 258)

1W D WARKEN BS Placement Off (405 HO6-2281 Ext 226)

1Mrs ZELLA B PATTERSON MS Assoc Prof and Chmn of Home Econ (405 HO 6-2281 Ext 235)

1L J CLARK MLS Libr (405 HO 6-2281 Ext 231)

1J L WHITE MS Asst Prof Dairyina (405 HO 6-2281 Ext 2651

1R E KINNARD MS Asst Prof and Chmn of Aar (405 HO 6-2281 Ext 265)

1Mrs LARZETTE G HALE PhD Dir of Devlomt and Public Relat (405 HO 6-2281 Ext 261)

1J W GAFFNEY MBA Bus Mor (405 HO6-2598)

# OREGON

Schools of Agriculture, Home Economics, the Agricultural Experiment Station, and Federal Cooperative Extension Service of Oregon State University, Corvallis 97331

1University Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop Other

8460

1R E LIEUALLEN EdD Chanc of State Syst of Higher Educ

1.J II JENSEN PhD Pres of Univ

1R A YOUNG PhD Dean for Res

123% T COONEY MS Dean of Sch of Agr (503-754-23311

12C H STOLTENBERG PhD Dean of Sch of For and Dir For Res Lab

1BETTY E HAWTHORNE PhD Deam of Sch of Home F.con

1E C STEVENSON PhD Assoc Deam of Sch of Aar and Dir of Resident Instr (503-754-2211)

2G B WOOD PhD Assoc Dean of Sch of Agr and Dir of Agr Expt Sta (503-754-1251)

3G M LEAR MPA Assoc Dean of Sch of Agr and Dir of Fed Coop Ext (503-754-2713)

1G M ROBERTSON MS Dir Bus Affairs

F.F. PRICE BC - Deam of Agr and Dir of Agr Expt Sta and Fed Coop Ext Emeritus

8470

8480

**Animal Science** 12J E. OLDFIELD PhD Prof and Head of Dept

2JOHN ADAIR BS Senior Instr Mink

3D E ANDERSON BS Assoc Prof Ext Dairy Spec

12T E BEDELL PhD Asst Prof Range Mgt

12RALPH BOGART PhD Prof Genet

12D C CHURCH PhD Assoc Prof Nutr 12D C ENGLAND PhD Assoc Prof Swine

3H P EWALT BS Prof Ext Dairy Spec

12C W FOX PhD Assoc Prof Sheep

3W D FRISCHKNECHT MS Assoc Prof Ext Spec

3D H GATES PhD Assoc Prof Ext Range Spec

12D W HEDRICK PhD Prof Hange hat 2JOHN KAUFMES PhD Asst Prof

12W H KENNICK PhD Asst Prof Meats

12R H KLIEWER MS Asst Prof Dairy

12A D KNIGHT PhD Asst Prof Sheep 3J H LANDERS PhD Assoc Prof Ext Spec

124 W OLIVER MS Assoc Prof Horses

12C POULTON PhD Prof Range Mat 12A T HALSTON PhD Prof Beef Cattle

1PAUL RUTLAND Instr Horses

12W H C SCHALLIG BA Asst Prof Range Mat

12FREDRICH STORMSHAK PhD Asst Prof Physiol

12F M STOUT PhD Assoc Prof Nutr 12F B WOLBERG MS Assoc Prof Dairy

12A S WU PhD Assoc Prof Physiol

**Betany and Plant Pathology** 

123J R SHAY PhD Head of Dept Prof Plant Path 12T C ALLEN PhD Assoc Prof Plant Path Virol Field

Crops

6A F BARTSCH PhD Prof Bot Algol (Coop USDI - PNW Water Lab)

12N I BISHOP PhD Prof Plant Phys

1W H BRANDT PhD Assoc Prof Plant Path
12H R CAMERON PhD Assoc Prof Plant Path Fungus Tree Fruit

12K L CHAMBERS PhD Prof Bot Syst

12W W CHILCOTE PhD Prof Bot Ecol

5R H CONVERSE PhD Prof Plant Path Small Fruit

12M E CORDEN PhD Prof Plant Path Phys of Parasitism

5A J CULVER Jr PhD Assoc Prof Bot Mycol 12W C DENISON PhD Assoc Prof Mycol

3J R DILWORTH Jr BS Instr Seed Certif

5H L DOOLEY MS Asst Prof Plant Path

12H J EVANS PhD Prof Plant Phys

12HELEN M GILKEY PhD Prof Emeritus Bot

5R O HAMPTON PhD Assoc Prof Plant Path 5J R HARDISON PhD Prof Plant Path Forage Dis

125C E HORNER PhD Prof Plant Path Mint and Hop Dis

12H J JENSEN PhD Prof Nematol 12L E JONES PhD Assoc Prof Bot Cellular Biol

2C M LEACH PhD Prof Plant Path Seed Dis

3I C MACSWAN BSA Assoc Prof Ext Plant Path Spec 2C D McINTIRE PhD Asst Prof Bot

12J A MILBRATH PhD Prof Plant Path Virol Tree Fruit 12T C MOORE PhD Assoc Prof Plant Path

5E E NELSON PhD Asst Prof For Path 12H K PHINNEY PhD Prof Bot Algol

12R L POWELSON PhD Assoc Prof Plant Path

12L P ROTH PhD Prof For Path

5E A SCHWINGHAMER PhD Assoc Prof Bot and Plant Path

12F H SMITH PhD Prof Bot

5J M TRAPPE PhD Asst Prof Mycol

SE J TRIONE PhD Assoc Prof Plant Path

8480-8550 OR EGON

Botany and Plant Pathology-Continued

12E K VAUGHAN PhD Prof Plant Path Veg Crop Dis 5BRATISLAV ZAK DF Prof For Path

8490 Chemistry (Agr)

2V H FREED PhD Prof Chem and Head of Dept Herbicides

2F W ADAMS PhD Asst Prof Chem Anim Nutr 12G S BEAUDREAU PhD AssocProf Chem

1D R BUHLER PhD Assoc Prof Toxicol

2D F. BULLIS MS Prof Emeritus Chem

6R S CALDWELL PhD Asst Prof Biochem (Coop AEC -Battelle NW)

1R R CLAEYS PhD Instr Anal Chem

1ANNE M DEENEY PhD Asst Prof Toxicol

2S C FANG PhD Assoc Prof Plant Biochem

1J W GILLETT PhD Asst Prof Toxicol

2J R HAAG PhD Prof Fmeritus Chem Anim Nutr

1RIZWANUL HAQUE PhD Asst Prof Phys Chem

5S T LIKENS BS Assoc Prof Chem

1Mrs SHIH-DZUNG LU PhD Asst Prof Biochem

2M L MONTGOMERY BS Sect Ldr Herbicide Biochem

12R O MORRIS PhD Asst Prof Plant Biochem
11 Y MOSTAFA PhD Assoc Prof Radio Biochem

2P C SCOTT PhD Asst Prot Plant Phys

12L C TERRIERE PhD Prof Chem Toxicol

2I J TINSLEY PhD Assoc Prof Food Biochem

2P H WESWIG PhD Prof Chem Anim Nutr

2P D WHANGER PhD Asst Prof Chem Anim Nutr

2J M WITT PhD Assoc Prof Agr Chem

5C E ZIMMERMAN MS Instr Chem

Economics (Agr)

8500

123F N. CASTELL Pair Prof Agr Elcon and Head of Dept
13M HI BECKER MS | Prof Agr Elcon and Ext Fami Mat Spec
12G E BLANCH PhD | Prof Tax and Finance

2R C BLENSLY MS Assoc Prof Trans Eng and Econ

5R F BROKKEN PhD Asst Prof Prod Econ

12W G BROWN PhD Prof Prod Econ

PAUL CARPENTER BS Prof Emeritus Ext Agr Econ

12F S CONKLIN PhD Asst Prot Prod Econ and Farm Mgt

2M J CONKLIN BS Assoc Prof Agr Econ

12J A EDWARDS PhD Assoc Prof Price Theory

3C M FISCHER MS Assoc Prof Ext Poultry Mktg Spec

23LEON GAROIAN PhD Prof Ext Mktg Mgt Spec

5A M GRANO PhD Assoc Prof (ERS)

3R H GRODER MS Assoc Prof Ext Fruit and Veg Mkta Spec

O N FAGG IS - Assoc Prof Emeritus Ext Dairy Mktg Spec

124A N HALTER PhD Prof Prod Econ

12T C HOGG PhD Asst Prof Social Aspects Resource **Ceylomt** 

HF HOLLANDS PhD Prof Emeritus Agr Econ 3Mrs ELVERA C HORREL Asst Prof Ext Agr Econ

Statis 12R S JOHNSTON PhD Asst Prof Agr Econ

123R D LANGMO MS Assoc Prof Agr Econ Indus Engin

3S C MARKS MS Assoc Prof Ext Mktg Rpts 2n C MASOL PhD - Assoc Prof Social Aspects Resource **CevIpmt** 

12D C MUMFORD MS Prof Farm Mat

ELPOTTER MS Prof Emeritus Agr Econ

123C B REEDER MS Asst Prof Ext Mgt Spec

3G H SANDER BS Asst Prof Ext For Prod Spec 3VELMA SEAT MA Asst Prof Ext Food Mktg Spec

12G L SEEVERS PhD Asst Prof Econ Policy and Internatl Trade

3T H SIDOR MS Prof Community Resource Devipmt Spec

12G R SITTON PhD Prof Community Resource Devlpmt Spec

123F J SMITH PhD Asst Prof Agr Econ Farm Mgt Spec

12J B STEVENS PhD Asst Prof Agr Econ

12H H STOEVENDER PhD Assoc Prof Agr Econ

23C F SUTHERLAND MS Assoc Prof For Econ

3D M TAYLOF ES Asst Prof Ext Internatl Mktg Spec

3R H TEAL MS Assoc Prof Ext Seed Mktg Spec

3M D THOMAS BS Prof Ext Agr Econ Public Policy

5R H WILLSIE MS Asst Prof (ERS)

Economics (Agr)-Continued

123J G YOUDE PhD Asst Prof Mktq

23R C YOUMANS PhD Asst Prof Agr Econ

Education (Agr) 8510

1P L. FAVIS Ph.P. Prof Aar E fue and Head of Dept 1C F HEILMAN EdM - Instr Aur Educ

Engineering (Agr)

12J B RODGERS AF. Prof Power and Mach and Head of Dept

12D E BOOSTER MS Assoc Prof Power and Mach

5N R BRANDENBERG MS Assoc Prof Power and Mach

12R H BROOKS PhD Assoc Prof Soil and Water

1L V CHRISTENSEN BS Assoc Prof Agr Engin

12M G CROPSEY PhD Prof Elec

5W T FROST BS Prof Irrig Water Forecast 5T A GEORGE BS Instr Irrig Water Forecast

5J E HARMOND BS Prof Small Seed Mach

3M G HUBER BS Assoc Prof Ext Agr Engin Spec

12L L KInK MC Prox Leny tration and Crop Proc 5L M KLEIN BS Assoc Prof Power and Mach

12D R LONG MS Assoc Prof Power and Mach

1R N LUNDE BS Prot Agr Engin

2G E PAGE MS Assoc Prof Power and Mach 5J K PARK MS Assoc Prof Power and Mach

12H R SINNARD MS Prof Structures and Head of Dept of Arch

12J W WOLFE PhD Prof Soil and Water

8530 Entemology

123P O RITCHER PhD Prof Ent and Head of Dept 12N H ANDERSON PhD Assoc Prof Aquatic Ent

2E E r ERRY PhD Acst Prof Soil Arthropods 1V J i.I.OOKES PhD Assoc Prof Ins Phys

3J CAPIZZI MS Assoc Prof Ext Ent Spec

W J CHAMBERLIN PhD Prof Emeritus For Ent

2H H CROWELL PhD Prof Veg Ins

12E A DICK ASON PhD Assoc Prof Forage Ins

3R W EVERY BS Prof Ext Ent Spec

12R L GOULDING Jr PhD Assoc Prof Anim Pests

28 C JOULS MS Prof Emeritus Tree Fruit Ins

5J A KAMM PhD Asst Prof Forest Ins

12G W KRANTZ PhD Prof Mites

1J D LATTIN Ph. Frof Leteroptera 1C F MARTIN PhD Prof Imeritus

D C MOTE PhD Prof Emeritus Ent

12W P NAGEL PhD Assoc Prof For Ent

1P W CMAN PLD Prof Leafhoppers

12R B ROBERTS III PhD Res Assoc Syst

2R G ROSENSTIEL PhD Assoc Prof Small Fruit Ins

124J A KUDINSKY PhD Prof For Ent H A SCULLEN PhD Prof Emeritus Ent

12W P STEPHEN PhD Prof Apic

12K G SWENSON PhD Prof Virus Transmitting

12L C TERRIERE PhD Prof Ins Toxic

B G THOMPSON PIG: Prof Emeritus

**Experiment Station Administration** 

123W T COONEY MS Dean of Sch of Agr 2G B WOOD PhD Assoc Dean of Sch of Agr and Dir of Agr Expt Sta

2R M ALL XANDER MA Asst Dir

12W H FOOTE PhD Asst Dir

12J W HEGGEN BS Acct

2R W HENDERSON PhD Asst Dir

12H F HORTON PLD Asst to Dir 12R A SOLUM Fiscal Off

Extension Administration

8550

8540

123W T COONEY MS Dean of Sch of Aar 3G M LEAR MPA Assoc Dean of Sch of Aar and Dir of Fed Coop Ext

3MARY ABBOTT MA State Ext Aat

3T H BOND MS State Ext Agt

3RUTH E BRASHER MA State Ext Act
3J R COX MS Asst Dir

3EVELYN A FUNK MS State Ext Aat

3F D HOECKEL BS State Ext Aat

3B S HUTTON BS State 4-Hi Club Ldr

8550-8580 OREGON

### Extension Administration-Continued

3G A KLEIN MA State Ext Agt 3C L LEACH BS Ext Auditor 3C G MONROE MS State Ext Agt

3W G NIBLER MS State Ext Agt

3L N OESTER EdM State Ext Agt 3G D PAULSEN BA ADP Syst Anal

3A LOIS REDMAN MA State Ext Agt

3JACKSON ROSS MS State Ext Agt

3MURLE SCALES MS State Ext Agt

3J W SCHEEL MA Asst Dir 3C L SAITH PhD State Training Ldr

3ESTHER A TASKERUD MA Asst Dir

3G W TODD BS Pers Off

3C G WEEDMAN Admin Asst

Farm Crops 8560

123J R COWAN PhD Prof Agron and Head of Dept 12A P APPLEBY PhD Assoc Prof Agron

12T E BEDELL PhD Asst Prof Range Mat

5W O BILLINGS BS Asst Prof Plant Mater Spec 12F E BOLTON PhD Res Assoc Asst Prof

3D H BREWER BS Asst Prof Ext Certif Spec

12W CALHOUN Jr MS Assoc Prof Agron

12JUAN CARDENAS PhD Asst Prof Agron

12D O CHILCOTE PhD Assoc Prof Crop Phys

12Mrs TE MAY CHING PhD Assoc Prof Seed Phys

3G L COOPER MS Instr Ext Certif Asst

12H R DANIELSON BA Instr

3G W DEWEY BS Ext Certif Spec Emeritus

12R K FENDALL PhD Asst Prof Agron

12R R FINE MS Res Assoc

12W H FOOTE PnD Prof Agron

2R E FORE PhD Prof Agron

12R V FRAKES PhD Assoc Prof Plant Brdq

12W R FURTICK PhD Prof Agron Weeds

3D H GATES PhD Assoc Prof Ext Range Mat

3N R GOETZE PhD Prof Ext Farm Crops Spec

12D F GRABE PhD Prof Agron

30 A CUTBROD BS Instr Ext Certif Asst

123E E HARDIN LS Asst Prof Seed Technol

5A HAUNOLD Assoc Prof Agron Hops

12D W HEDRICK PhD Prof Range Mgt 12H M HEPWORTH PhD Res Assoc

DOMESTIC PhD Prof Emeritus Agron

5C E HORNER PhD Prof Plant Path

124Mrs LOUISA A JENSEN LS Prof Seed Technol

12W E KRONSTAD PhD Assoc Prof Agron Cereals

2C M LEACH PhD Assoc Prof Plant Path

5WOLEE MS Asst Prof Agron Weeds

1H V LOPEZ MS Instr Agron

12W S McGUIRE PhD Prof Agron Pasture
5R J METZGER PhD Assoc Prof Cytogenet
12C E POULTON PhD Prof Range Ecol

12D L PLUCKNETT PhD Assoc Prof

5H H RAMPTON MS Assoc Prof Agron Seed Crops

12R R ROMANOWSKI PhD Assoc Prof

12W H C SCHALLIG BA Asst Prof Range Ecol

H A SCHOTH MS Prof Emeritus Agron

SS L SWANSON BS Instr Agron

3REX WARREN MS Prof Ext Farm Crops Spec

34H W YOUNGBERG MS Asst Prof Ext Certif Spec

5C E ZIMMERLANN MS Instr Agron

#### Fisheries and Wildlife 8570

12T G SCOTT PhD Prof Wildlife Ecol and Head of Dept

12C EBOND PhD Prof Fisheries

2W P BREESE MS Asst Prof Fisheries

6H J CAMPBELL MS Asst Prof Fisheries (Coop Ore State Game Comm)

2GEORGE CHADWICK MS Asst Prof Fisheries 2GERALD DAVIS PhD Asst Prof in Fisheries

2R E DIMICK MS Prof Emeritus Fisheries 12J R DONALDSON PhD Asst Prof Fisheries

12PETER DOUDOROFF PhD Prof Fisheries

2J L FRYER PhD Assoc Prof Fisheries and Micro 6h L GARRISON MS Asst Prof Fisheries (Coop Ore

State Game Comm)
12J Di.ALL PhD Assoc Prof Fisheries

12H F HORTON PhD Assoc Prof Fisheries

### Fisheries and Wildlife-Continued

12HUGO KRUEGER PhD Prof Physiol and Pharmacol 12L W KUEN MS Assoc Prof Willilite Ecol

3A S LANDFORCE BS Ext Wildlife Mgt Spec

6R L LANTZ PC Instr Fisheries (Coop Ore State Game Comm)

6W C LIGHTFOOT IS Asst Prof Wildlife Ecol (Coop Ore State Game Comm)

1J B LONG MS Prof Wildlife

2C D McINTIRE PhD Asst Prof Bot

2W J McNEIL PhD Assoc Prof Fisheries

1R E MILLEMANN PhD Assoc Prof Fisheries

6H J HAYNER PhD Prof Fisheries (Coop Ore State Game Comm)

12R G REDMOND ES Senior Instr Fisheries 2D L SHUMWAY MS Asst Prof Fisheries

6R C SIMON PhD Prof Fisheries (Coop USDI)

6C D SNOW MS Asst Prof Fisheries (Coop Fish Comm of Ore)

2P J VEHTS PhD Asst Prof Wildhie Ecol

12P A VOHS Jr PhD Assoc Prof Wildlife

6HARRY WAGNER MS Asst Prof Fisheries (Coop Ore State Game Comm)

12C W WARLEN PLF Prof Fisheries

12h M WIGHT MS Assoc Prof Wildlife Ecol

6R S WYDOSKI Ph.D Asst Prof Fisheries (Coop USDI)

# Food Science and Technology

8580

12H W SCHULTZ PhD Prof Food Sci and Technol and Head of Dept

12A F ANGLEMILE PhD Assoc Prof Food Sci and Technol Meats

12D V BEAVERS BS Asst Prof Food Sci and Technol Fruit and Veg

12D D BILLS PhD Asst Prof Food Sci and Technol Dairy Prods

123F W BODYFELT I'S Ext Dairy Proc Spec and Asst Prof Food Sci and Technol

12R F CAIN PhD Prof Food Sci and Technol Fruit and Vea

2D L CRAWLORD PhD Asst Prof Food Sci and Technol Seafoods

12W D DAVIDSON PhD Asst Prof Food Sci and Technol Meats 2E W HARVEY PnD Assoc Prof Food Sci and Technol

Seafood 12P H KRUMPERMAN PhD Assoc Pr of Food Sci and

Technol Fruit and Veg 2J E LANGLER PhD Asst Prof Food Sci and Technol Seafoods

2D K LAW ES Assoc Prof Food Sci and Technol Seafoods
12D J LEE PhD Asst Prof Food Sci and Technol Seafoods
12J S LEE PhD Asst Prof Food Sci and Technol Seafoods

2L M LIBBEY PhD Asst Prof Food Sci and Technol

Dairy Prods Natural Flavors 12R C LINDSAY PhD Asst Prof Food Sci and Technol Dairy Prods Natural Flavors

E.M.LITWILLES: PhD - Prof Emeritus Food Sci and Technol

12M W MONTGOMERY PhD Asst Prof Food Sci and Technol Meats

3R E MOSER Jr MS Ext Food Technol Mktg Spec G A RICHARDSON PhD Prof Emeritus Food Sci and Technol

12C E SAMUELS PhD Prof Food Sci and Technol 12Mrs LOIS A SATHER ES - Assoc Prof Food Sci and

Technol Sensory Eval 12R A SCANLAN PhD Asst Prof Food Sci and Technol Dairy Prods Natural Flavors

12RO SINNHUBER MS Prof Food Sci and Technol Sea-

12G W VARSEVELD MS Asst Prof Food Sci and Technol Fruit and Vea

2J H WALES MA Assoc Prof Food Sci and Technol Seafoods

E H WIEGAND BSA Prof Emeritus Food Sci And Technol

12R E WHOLSTAD BSA Asst Prof Food Sci and Technol Fruit and Veg

8580-8670 OREGON

Food Science and Technology-Continued

12H Y YANG PhD Assoc Prof Food Sci and Technol Fruit and Veg

2T C YU MS Asst Prof Food Sci and Technol Seafoods

Home Economics

8620 1BETTY E HAWTHORNE PhD Prof Dean of Home Econ

1Mrs MARYANNE STATON MS Assoc Prof Asst Dean of Home Econ

ISYLVIA LEE PhD Assoc Prof and Head of Home Econ Educ

12Mrs JEAN PETERS MS Asst Prof and Acta Head of Dept of Foods and Nutr

IVIRGINIA HARGER MS Prof and Head of Inst Mat 1Mrs WINNIFRED K FULMER MS Head Adv Sch of Home Econ

12J PHILIP O'NEILL PhD Prof and Head of Fam Life 1FLORENCE PETZEL PhD Prof and Head of Cloth Text and Relat Arts

1MARTHA PLONK PhD Assoc Prof Actg Head of Home Mgt

12CLARA A STORVICK PhD Prof Foods and Nutr and Chmn Home Econ Res 3ESTHER TASKERUD MA Asst Dir Ext

IMARILYN ADIX MS Asst Prof Home Econ Educ IGEORGENE V BARTE MS Asst Prof Food and Nutr 2Mrs EVA BENSON MA Asst Prof Nutr IGEORGE BAKER BOKORNEY MS Asst Prof Inst Mat

3Mrs DOROTHY BROWN MS Assoc Prof Home Furn Spec 12Mrs JANET BUBL MS Asst Prof Cloth Text and Relat Arts

1Mrs MARIE BUSSARD MS Asst Prof Food and Nutr 1Mrs MARIAN C CARLIN MS Assoc Prof Fam Life 3ELAINE CARLSON MS Assoc Prof Cloth Text and Relat Arts

1HELEN G CHARLEY MS Prof Foods and Nutr 1LAURA M CLEAVELAND MS Assoc Prof Inst Mgt 1Mrs PRISCILLA CRABTREE PhD Asst Prof Home Mgt 1MARIE DIEDESCH MS Assoc Prof Cloth Text and Relat Arts

1MAY DuBOIS PhD Prof Home Econ Educ 1Mrs DOROTHY EAST MS Asst Prof Food and Nutr 2Mrs MARGARET EDWARDS BS Senior Instr Nutr 1MARGARET L FINCKE PhD Prof Foods and Nutr 3Mrs ROBERTA C FRASIER MS Prof Ext Fam Life Spec

1PHYLLIS E GRANT MS Asst Prof Cloth Text and Relat Arts

1Mrs MARY ANN GRIEVE MS Asst Prof Home Econ

1ROBERTA HARRISON MS Instr Form Life 1ZOE ANN HOLMES MS Asst Prof Foods and Nutr 1Mrs ELIZABETH C JOHNSON PhD Asst Prof Foods and Nutr

1RUTH ANN JOHNSON MS Asst Prof Inst Mgt 3Mrs ALBERTA JOHNSTON MS Assoc Prof Ext Spec Home Mgt

1ALBERT KING MS Asst Prof Fam Life ILESTER A KIRKENDALL PhD Prof Fam Life INANCY KWALLEK MS Instr Cloth Text and Relat Arts 1MARIE LEDBETTER MS Assoc Prof Cloth Text and Relat Arts

12Mrs ANDREA MACKEY PhD Prof Foods and Nutr IISABELLA F McQUESTEN MS Prof Home Econ Educ 12LORRAINE T MILLER PhD Asst Prof Food and Nutr 1RUTH A MOSER MS Assoc Prof Cloth Text and Relat Arts

1MARTHA—ANN OWEN BS Instr Fam Life 1Mrs RUTH A PASLEY MS Asst Prof Inst Mat 1JOAN PATTERSON MFA Prof Cloth Text and Relat Arts

1Mrs CONSTANCE PLANTS BS Instr Home Econ IMrs MARY POOLE MA Asst Prof Forn Life
IMrs MADELINE PORTER MS Instr Cloth Text and

Relat Arts 1Mrs ELISABETH RECKENDORF MS Instr Home Mat 3BERNICE STRAWN MS Prof Ext Home Mat and Equip Spec

Home Economics-Continued

1FREDA TEITZEL MS Asst Prof Home Mat 1Mrs LINDA THIEL MS Instr Cloth Text and Relat Arts

3MARIE TRIBBLE MS Assoc Prof Ext Food and Nutr Spec

1Mrs AUDREY VARSEVELD MS Instr Home Mat 1MARY S WALLACE MS Asst Prof Foods and Nutr 1Mrs VESA L WELLSMS Asst Prof Cloth Text and Relat Arts

IVERNON E WIARD BS Asst Prof Inst Mat MIRIAM WIGGENHORN MS Assoc Prof Fam Life 2Mrs MURIEL J WOODRING MS Instr Nutr 12ELISABETH YEARICK PhD Prof Foods and Nutr

8630

123S B APPLE Jr PhD Prof Hort and Head of Dept 12J R BACGETT PhD Assoc Prof Hort Veg Crops
12M H CHAPLIN PhD Asst Prof Hort Pomol 120 C COMPTON PhD Prof Hort Pomol

12GARVIN CRABTREE PhD Assoc Prof Hort Weeds 3A A DUNCAN PhD Prof Ext Hort Spec Veg Crops 12W A FRAZIER PhD Prof Hort Veg Crops

12RALPH GARREN Jr PhD Assoc Prof Hort Small Fruits

12ELMER HANSEN PhD Prof Hort Pomol

5H P LAGERSTEDT PhD Assoc Prof Hort Nuts 5F J LAWERENCE PhD Asst Prof Hort Small Fruits 12H J MACK PhD Assoc Prof Hort Veg Crops

23L W MARTIN PhD Asst Prof Hort Small Fruits 3C O RAWLINGS MS Prof Emeritus Hort

12A N FOELERTS PhD Prof Hort Ornam

12R A SMITH PhD Asst Prof Hort Small Fruits 3R L STELBINS MS Assoc Prof Ext Hort Spec Pomol 12MAXINE M THOMPSON PhD Asst Prof Hort Pomol

12S E WADSWORTH DS Assoc Prof Hort Flor 12M N WESTWOOD PhD Prof Hort Pomol

Information (Agr)

8640

3A C EBERT BS Assoc Prof Agr Inform Chmn 13GEORGIA COLE AB Asst Prof Asst Dir Pub 13MARY M HOLTHOUSE MHE Instr Home Econ Inform Spec

2R G MASON PhD Assoc Prof Expt Sta Ed 13W C REID PhD Prof Vis instr Spec

3R W SALISBURY BS Assoc Prof Ext Pub Spec 2C H SANDERSON BA Asst Prof Asst Exot Sta Ed 3W C SMITH BS Assoc Prof Agr Ext and Educ Media

3J E WILLIAMS AB Asst Prof Ext Agr Inform Spec

Microbiology

12P R ELLIKER PhD Prof Dairy Microbiol and Head of Dept

12A W ANDERSON PhD Prof Food Microbiol 12W B BOLLEN PhD Prof Soil Microbiol 1D K FRASER PhD Asst Prof Genet

12J L FRYER PhD Assoc Prof Microbiol and Fisheries
12D A KLEIN PhD Asst Prof Indus Microbiol 5K C LU PhD Asst Prof Soil Microbiol

12R Y MORITA PhD Prof Marine Microbiol

12R E PACHA PhD Asst Prof Aquatic Microbiol 12L W PARKS PhD Prof Microbiol Physiol

12K S PILCHER PhD Prof Medical Microbiol 12W E SANDINE PhD Prof Dairy Microbiol

Poultry Science

8660

123J E PARKER PhD Prof Poultry Sci and Head of Dept

12G H ARSCOTT PhD Prof Poultry Nutr 3N L BENNION MS Prof Ext Poultry Spec

12P E BERNIER PhD Prof Poultry Genet 12R W DORMINEY PhD Asst Prof Poultry Mat 12J A HARPER MS Prof Poultry Sci Turkeys

Resident Instruction Administration

8670

123W T COONEY MS Dean of Sch of Agr 1E C STEVENSON PhD Assoc Dean of Schof Agrand Dir of Besident Instr.

1W M LANGAN BS Head Counselor Sch of Agr

OREGON 8680-8723

**Branch Stations-Continued** 8680 Soils 2R L TICKNOR PnD Assoc Prof Hort Ornam Pendleton Expt Sta (PO Pendleton 97801) 123H B CHENEY PhD Prof Soils and Head of Dept 12L L EOERSMA PhD Assoc Prof Soils Phys 2C R ROHDE PhD Supt and Prof Agron 12M D DAWSON PhD Prof Soils Fert MOVESON MS Prof Emeritus Agron 3E H GARDNER PhD Assoc Prof Ext Soils Spec 12M E HARWARD PhD Prof Soils Mineral 5R E RAMIG PhD Assoc Prof Soils 2D J RYDRYCH MS Asst Prof Agron 12T L JACKSON PhD Prof Soils Fert 2H K SCr.WANKI, PhD Asst Prot Crop Prod and Soil 3A S KING MS Prof Land and Water Conserv Spec 12E G KNOX PhD Prof Soils Classif 12D P MOORE PhD Assoc Prof Soils Plant Nutr 5R B PARSONS PhD Asst Prof Soils Classif Mat Sherman Exet Sta (PO Moro 97039) 2J T McDERMID BS Supt and Asst Prof Agron 12STEVE ROBERTS PhD Asst Prof Soils Chem Fert Southern Oregon Expt Sta (PO Medford 97502) 3M N SHEARER MS Prof Irrig Spec 2P B LOMBARD PhD Supt and Assoc Prof Hort 12G H SIMONSON PhD Assoc Prof Soils Classif 2L G GENTN: h PnD Prof Fineritus Ent 12V V VOLK PhD Asst Prof Soils Chem 2P H WESTIGARD PhD Asst Prof Ent 23J A VOMICIL PhD Assoc Prof Mat Phys 5J L YOUNG PhD Assoc Prof Soils Chem 12C T YOUNGBERG PhD Prof For Soils 2H H WHITE MS Prof Emeritus Agron
2J A YUNGEN MS Asst Prof Agron Squaw Butte Expt Station (PO Burns 97720) 25W A SAWYER .S. Supt and Prof Anim Sci and Range Mat 8690 Statistics 2R J RALEIGH PhD Assoc Prof Anim Nutr 5C.B RUMBURG PhD Assoc Prof Agron 12L D CALVIN PhD Prof Statis and Head of Dept 6R M BLACK BS Assoc Prof Met (Coop USDC)
12W P LOWRY PhD Asst Prof Biometeorol 5F A SNEVA LS - Asst Prot Range Mat 24J D WALLACE MS Asst Prof Anim. Husb 12J E MORAN MS Instr Statis Umatilla Expt Sta (PO Hermiston 97838) 12W S OVERTON PhD Prof Statis 2T P DAVIDSON BS Supt and Asst Prof Hort 12R G PETERSEN PhD Prof Statis 12K E ROWE PhD Asst Prof Statis 12H E SCHEURMAN BS Instr Statis School of Forestry, Forest Research Laboratory of 124T L YATES MS Asst Prof Statis Oregon State University, Corvallis 97331 1College Staff 2Laboratory Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI 2700 Veterinary Medicine 123E M DICKINSON DVM MS Prof Vet Med and Head of Dept 2J N ARMSTRONG DVM Res Assoc Instr Diagnosis 8721 12J F BONE DVM MS Prof Vet Med Path
12J R HARR DVM MS Assoc Prof Vet Med Path IR E LIEUALLEN EdD Chanc State Syst of Higher Educ 2D H FELFER DVM MS Asst Prof Vet Med Diagnosis 1J H JENSEN PhD Pres of Univ 12S E KNAPP PhD Prof Vet Parasitol 12C USTOLTENEFILE PhD Dean of Sch of For and Dir 2D E MATTSON DVM PhD Asst Prof Vet Med Virol of Lab (503-754-2221) 20 H MUTH DVM MS Prof Vet Med Path 12R M KALLANDER MF Asst Dean of Sch of For 12K J PETERSON DVM ES Prof Vet Med Path 3G E REYNOLDS DVM BS Assoc Prof Ext Anim Health 12D N BEVER MF Asst Dean of Sch of For Spec 8722 Forest Management 2J N SHAW DVM BS Prof Emeritus Vet Med 2D H SMITH DVM MS Assoc Prof Vet Med Diagnosis 12J R DILWORTH PhD Prof For Mgt and Head of Dept 12J F BELL MF Assoc Prof For Mqt
2A B BERG MS Prof For Mqt 12J C STEVENS DVM MS Asst Prof Vet Med Virol 2H C BLACK PhD Assoc Prof Wildlife Ecol 12G W BROWN PhD Asst Prof For Mgt Water Resources Research Institute 8705 4K K CHING PhD Prof For Genet 123E N CASTLE PhD Prof Agr Econ and Dir WRRI 1P E CRAWFORD MBA Inst For 1P C KLINGEMAN PhD Asst Prof Civ Engin and Asst 12W K FERRELL PhD Prof For Mgt Physiol Dir WRRI 12L W GAY PhD Asst Prof For Mgt For Met 1W H BUCKLEY MA Asst Prof and Exec Secv 2R K HERMANN PhD Assoc Prof For Ecol 2E F HOOVEN MS Assoc Prof Wildlife Ecol 12H IRGENS-MOLLER PhD Assoc Prof For Genet 2R KANGUR MS Asst Prof For Mit **Branch Stations** 8720 12R F KENISTON PhD Prof For Mgt Central Oregon Expt Sta (PO Redmond 97556) 12J T KRYGIER MS Assoc Prof For Mgt 2M J JOHNSON PhD Supt and Assoc Prof Agron 24D P LAVENDER PhD Assoc Prof For Physiol 12W F McCULLOCH EdD Prof For Mat Eastern Oregon Expt Sta (PO Union 97883) 12J A ... McARTHUR PhD ... Supt and Prof Range Mat and 12M NEWTON PhD Assoc Prof For Mat Anim Husb 12D P PAINE PLD Assoc Prof For Mgt 2B R ELLER MS Asst Prof Anim Husb 2B B REICHART DEd Pref For Educ 12F V PUMPHREY MS Asst Prof Agron 12C F SUTHERLAND PhD Assoc Prof For Mgt John Jacob Astor Expt Sta (PO Astoria 97103) 2D W CLAYPOOL MS Asst Prof and Supt 2R H WARING PhD Asst Prof For Mgt 12W P WHEELER MF Prof For Mgt H B HOWELL BS Prof Emeritus Klamath Expt Sta (PO Klamath Falls 97601) 12E S WOODARD BS Instr For Mat 2A E GROSS MS Supt and Assoc Prof Agron 1R A YODER MF Prof For Mat
2J B ZAER PhD Asst Prof For Physiol 2G E CARTER MS Asst Prof Agron Malheur Expt Sta (PO Ontario 97914) 2J ZAVITKOVSKI PhD Asst Prof For Mqt 2E N HOFFMAN BS Supt and Assoc Prof Agron 2L A FITCH MS Asst Prof Agron Forest Products Mid-Columbia Expt Sta (PO Hood River 97031) 12E L ELLIS PhD Prot For Prod and Head of Dept 2W M MELLENTHIN MS Supt Prof Hort Pomol 2H AFT PhD Assoc Prof For Prod Chem 5D L COYIER PhD Asst Prof Plant Path 2G H ATHERTON MS Prof Mech Engin 2T J FACTEAU PhD Res Assoc Hort 2W J BUBLITZ PhD Assoc Prof For Prod 2R W ZWICK PhD Asst Prof Ent 2S E CORDER BS Assoc Prof Mech Engin 12R E CURRIER MS Assoc Prof For Prod North Willamette Expt Sta (PO Aurora 97002) 2R M BULLOCK PhD Supt and Prof Hort 12L D ESPENAS MS Prof For Prod

2W A SHEETS BS Senior Instr Hort

8724

8725

### Forest Products-Continued

2R D GRAHAM MS Assoc Prof For Prod

2P E HYDE MS Asst Prof Mech Engin

2J L JENKINS ME Res Assoc Mech Engin 2J W JOHNSON MS Assoc Prof For Prod

2C J KOZLIK MF Asst Prof For Prod

124R L KRAHMER PhD Assoc Prof For Prod

2R H KUNESH MWT Instr Γor Prod 24W F LEHMANN MS Asst Prof For Prod

2R T LIN PhD Asst Prof For Prod

12M D McKIMMY PhD Assoc Prof For Prod
23R O McMAHON PhD Assoc Prof and Wood Prod Mktq Spec

2D J MILLER MS Asst Prof For Prod

13A C VAN VLIET MS Assoc Prof and Wood Prod Ext

### Information (For)

12J L OVERHOLSER MF Asst Prof Ed 12MARTHA H BROOKES MS Asst Ed

12GERTRUDE W MAHER MA Asst Ed

USDA Forestry Sciences Laboratory

5G J BOORAS BS Admin Off 5P E AHO MS Res Plant Path

5W B BOLLEN PhD Prin Microbiol Prof Soil Microbiol

5RK CAMPBELL PhD Res Genet

5D L COPES MS Assoc Plant Genet

5G E DATERMAN MS Assoc Ent

5C T DYRNESS PhD Soil Sci Prof For Soils

5J F FRÂNKLIN PhD Plant Ecol 5R L FREDRIKSEN MS Assoc Soil Sci

5G M HARVEY MS Plant Path
5F R HERMAN MS Assoc Mensuration

5D M KNUTSON PhD Res Plant Path

5K C LU PhD Microbiol Asst Prof Soil Microbiol

5B MAKSYMIUK PhD Ent Assoc Prof Ent

5M F. MARTIGNONI PhD Prin Microbiol Prof Ent

5R R MASON PhD Assoc Ent

5D MINORE PhD Assoc Plant Ecol

5R G MITCHELL PhD Ent

5D G MOORE PhD Soil Sci Assoc Prof Soils

5E E NELSON PhD Plant Path Asst Prof Plant Path

5L A NORRIS MS Res Chem

5J S ROTHACHER MS Prin Hydrol Assoc Prof For Mat

5R H RUTH PhD Prin Silvic Assoc Prof For Mgt

5R B RYAN PhD Ent Asst Prof For Ent

5CHARLES SARTWELL MS Assoc Ent

5F H SCHMIDT MS Assoc Ent Asst Prof For Ent

5K R SHEA PhD Supvr Res Plant Path

5R R SILEN PhD Prin Plant Genet Assoc Prof For Genet

5F C SORENSEN PhD Assoc Plant Genet Asst Prof.

For Mat

5R F TARRANT BS Prin Soil Sci Prof Soils

5C G THOMPSON PhD Prin Ent Prof For Ent

5J M TRAPPE PhD Mycol Assoc Prof Plant Path 5B E WICKMAN PhD Res Ent

5G C WITTIG PhD Microbiol Assoc Prof For Biol

5B ZAK PhD Prin Plant Path Prof For Path

### PENNSYL VANIA

Colleges of Agriculture and Human Development and the Agricultural Experiment Station of The Pennsylvania State University, University Park 16802

1College Staff 2Station Staff 3Extension Staff 4Leave of absence 5Coop USDA 6Coop USDI

8730

1E A WALKER ScD Pres

1E F OSBORN PhD Vice Pres for Res

1% F CRISTOFFERS BA Controller

12R E LARSON PhD Dean (814-865-2541)

12M A FARRELL PhD Assoc Dean and Dir of Sta (814-865-5419)

124R 3 DICKERSON PhD Assoc Dean

13T H PATTON MPA Assoc Dean and Dir of Agr Ext (814-865-0416)

12ALEX BLACK PhD Assoc Dir of Sta

12J K PASTO PhD Assoc Dean for Resident Educ (814-865-7521)

12H R FORTMANN PhD Asst Dir of Sta and Regional Coord (814-865-5222)

12R F HUTTON PhD Asst Dir of Sta

12R J FLIPSE PhD Actg Asst Dir of Sta

12R E SWOPE VMD Asst Dean for Resident Educ

13H J POORBAUGH MS Assoc Dir of Agr Ext

13W M SMITH Jr PhD Asst Dir of Agr Ext for Fam Youth Community Devlpmt

12R H McALEXANDER PhD Coord Internatl Agr Devlpmt 13F C SNYDER PhD Dir of Short Courses and Asst

in Acr Ext 13M B ROCKEY MS Asst to Dir of Short Courses and Agr Conf Coord

1Mrs MYLA S WERT Admin Aide to Dean

IR J THOMAS BS In Cha Soil and Forage Testina Lab

8740 Agronomy 123W I THOMAS PhD Prof and Head of Dept

12D E BAKER PhD Assoc Prof Soil Chem
13J E BAYLOR PhD Prof Pasture and Forage Crops Ext

13G H BERGGREN BS Assoc Prof Weed Control Ext

12 JEAN-MARC BOLLAG PhD Asst Prof Soil Microbiol

12R P BROWN MS Instr Com Brda

134C S BRYNER PhD Prof Seeds Ext 12E J CIOLKOSZ PpD Asst Prof Soil Genesis

12R W CLEVELAND PhD Assoc Prof Crops Brdq 12R L CUNNINGHAM PhD Asst Prof Soil Genesis

2W G DOWNS III MS Asst Prof Crop Prod (PO Rector)

12J M DUICH PhD Prof Turf

13J H EAKIN Jr MS Prof Soil Fert Ext

12J K HALL PnD Asst Prof Soils Chem

13J C HARPER II PhD Prof Turf and Ornam Crops Ext

12J D HARRINGTON PhD Assoc Prof Crop Prod

13M R HEDDLESON PhD Assoc Prof Field Crops Ext

13W W HINISH PhD Assoc Prof Field Crops Ext 12A S HUNTER PhD Prof Soil Fert

12L J JOHNSON PnD Assoc Prof Soil Mineral 12M W JOHNSON Jr PhD Assoc Prof Crop Brdg

12L T KARDOS PhD Prof Soil Phys and Environ Sci

12G N KORMAN MS Instr Crop Brda

12L F MARRIOTT PhD Assoc Prof Soil Fert 25H G MARSHALL PhD Adjunct Assoc Prof Crop Brda

12R P MATELSKI PhD Prof Soil Genesis

13J H McGAHEN MS Instr Crop Brda Ext

12G W McK H.E PhD Assoc Prof Crop Econ

124ROGER PENNOCK Jr PhD Asst Prof Soil Genesis
12A T PERKINS BS Instr Turf

12G W PETERSEN PhD Asst Prof Soil Genesis

12R P PEFFER PhD Assoc Prof Crop Brda

13E C PIFER MS Assoc Prof Field Crops Ext

12S M RALEIGH PhD Prof Weed Control 12R W RANNEY PhD Asst Prof Soil Genesis

12A C RICHER PhD Prof Soil Fert

12M L RISIUS PhD Asst Prof Crop Brdg 12J L STARLING PhD Assoc Prof Crop Brda

12D V WADDINGTON PhD Asst Prof Turf

12J B WASHKO PhD Prof Crop Prod

2J O YOCUM BS Instr Crop Prod (PO Landisville)

### 8750 **Animal Science** 123T B KING PhD Prof and Head of Dept

12B R BAUMGARDT PhD Prof Anim Nutr

12J W BRATZLER PhD Prof Anim Nutr

13L A BURDETTE MS Instr Beef Cattle Ext

12R L COWAN PhD Prof Anim Nutr

12J M DARLINGTON MS Asst Horses

13J P GALLAGHER MS Asst Prof Horse Ext

12J L GOBBLE PhD Assoc Prof Swine

12W J GRAY BS Instr Beef Cattle

12E W HARTSOOK PhD Prof Anim Nutr

12V E HAZLETT Asst Swine 12T V HERSHBERGEH PhD Assoc Prof Anim Nutr

12G R KEAN MS Assoc Prof Meats

12EMERY KECK Jr MS Instr Anim Nutr

8750-8780 PENNSYLVANIA

Animal Science—Continued	Dairy Science—Continued
12R L KIMBLE BS Adjunct Instr Large Animal Eval 13F L KREUZBERGER BS Asst Prof Sheep Ext	12T Y TANABE PhD Asst Prof Dairy Reprod 13J S TAYLOR MS Prof Dairy Cattle Ext
12T A LONG PhD Assoc Prof Anim Nutr	12H W THOELE PhD Asst Prof Dairy Brdg
12T L MERRITT PhD Assoc Prof Sheep Horses	125M P THOMPSON PhD Adjunct Assoc Prof Dairy Sci
13BEN MORGAN BS Assoc Prof Beef Cattle Ext	12HERMANN TIMMEN DSc Res Assoc Flavor Chem
12D E ORR Jr BS Res Asst Swine	12G H WATROUS Jr PhD Prof F∞d Sci
12A D PETERSON BS Res Asst Anim Nutr	
12H R PURDY MS Assoc Prof Beef Cattle	Franchics (Agr) and Sociology (Rural) 8780
12W H RISHEL BS Asst Beef Cattle 12MICHAEL RUGH BS Res Asst Beef Cattle	Economics (Agr) and Sociology (Rural) 8780 123M E JOHN PhD Prof and Head of Dept
12C S SHAFFNER Asst Sheep	12W L BARR PhD Prof Farm Mgt
12G W SHERRITT PhD Assoc Prof Swine	13J F BAUERMANN MS Assoc Prof Food Sci Ext
12J D SINK PhD Ausoc Prof Meats	12R C BEALER PhD Assoc Prof Rural Social
12Mrs HIH-MIN WANG MS Res Asst Anim Nutr	12C A BECKER PhD Prof Agr Bus Mgt
12J L. WATKINS MS Instr Meats	12K R BENNETT PhD Prof Agr Statis and Expt Sta
12L L WILSON PhD Assoc Prof Reef Cuttle	Statis  13A K BIRTH MS Assoc Prof Agr Econ Ext
13D E YOUNKIN MS Assoc Prof Swine Ext	12G E BRANDOW PhD Prof Agr Econ
12J H ZIEGLER PhD Asst Prof Meats	13J E BROCKETT Jr MS Asst Prof Agr Econ Ext (PO
Business and Personnel Services 8755	Lewistown)
123S I AUKER BA Head of Dept	123E J BROWN PhD Prof Rural Social
123Mrs SARA K DeLONG Admin Aide for Pers	12W T BUTZ PhD Prof Agr Econ
12R H LAUCK Asst for Res Acct	13H T CAMPBELL MS Instr Agr Econ Ext (PO Erie)
12G J McCORKLE Jr Safety Off	13J R CARDENUTO MS Assoc Prof Rural Social Ext
12L R MILLER BA Asst for Aur Ext	13W M CARROLL MS Assoc Prof Agr Econ Ext 13J G COOPER MS Asst Prof Farm Mat Ext
0740	13V E CROWLEY PhD Assoc Prof Farm Mat Ext
Communications (Agr) 8760	125R T DAILEY MS Adjunct Instr Agr Econ (ERS)
123J F SCHINAGL MS Head of Dept 12R S BEESE Asst Photog	12L M DAY PaD Prof Agr Econ
12G D BENGTSON BS Asst Prof Agr Commun	13W H DICKINSON BS Instr Farm Mat Ext
13H A CAREY Jr MEd Asst Prof Ext Inf	13R B DONALDSON MS Prof Agr Econ Ext
13C O DOSSIN Jr BS Asst Visual Spec	123H F DORAN MS Asst Prof Agr Educ and Agr Econ Ext
123N E DOWLIN BS Asst Pub Ed	13S A DUM PhD Assoc Prof Farm Mgt Ext
13N E ENGLE BS Asst Prof Agr Ext	12D J EPP PhD Asst Prof Agr Econ 12J C FREY PhD Prof Land Econ and Dir of Inst for Res
123Mrs NANNIE G FLICK Supvr Agr Commun	on Land and Water Resources
13W H FOLWELL III MA Assoc Prof Ext Inform 12Mrs RAE ANN GLASGOW BA Assoc Staff Artist	125T F FULLER MS Adjunct Instr Agr Econ (ERS)
13G W GOSS MS Assoc Prof Agr Ext	12HBGAMBLEPhD AsstProfAgrEcon and AsstDir
13N H GOTWALT MS Asst Prof Agr Commun	of Inst for Res on Land and Water Resources
13J C HATCH MS Asst Prof Agr Commun	13JOHN GAUSS BS Prof Agr Econ Ext
13J W MacMILLAN BA Assoc Ed Spec	12M C HALLBERG PhD Asst Prof Agr Econ 13D K HEASLEY PhD Instr Rural Sociol Ext
123J J McCLURE BA Staff Artist	135 K HEASLET PRO Instituted Social Ext 125W L HENSON PhD Adjunct Asst Prof Agr Econ (ERS)
13ELWOOD MINTZ AB Asst Prof Agr Ext 13ALICE M MURRAY BS Assoc Prof Home Econ Ext	12R O HERRMANN PhD Asst Prof Agr Econ
12S E NORTHSEN BA Asst Photog	13F A HUGHES MS Prof Farm Mgt Ext
13Mrs KAREN ANN RUGH BA Instr Ext Inform	12J D JANSMA PhD Asst Prof Agr Econ
13Mrs CLAIRE H SINK RS Asst Ed Spec	13W F JOHNSTONE MS Prof Agr Econ Ext
12G A Van HORN MA Assoc Prof Agr Journalism	13B W KELLY MS Assoc Prof Farm Mgt Ext
0.770	123L G KIZER MS Instr Agr Econ 13W R KRIEBEL PhD Asst Prof Agr Econ Ext
Dairy Science 8770 123D V JOSEPHSON PhD Prof and Head of Dept	12S M LEADLEY PhD Asst Prof Rural Sociol
13D L ACE MS Assoc Prof Dairy Mat Ext	125B F LONG MS Adjunct Instr Agr Econ (ERS)
13R S ADAMS PhD Prof Dairy Nutr Ext	12J P MADDEN PhD Assoc Prof Agr Econ
12J O ALMQUIST PhD Prof Dairy Reprod	12R H McALEXANDER PhD Prof Farm Mgt
12R P AMANN PhD Asst Prof Dairy Reprod	13H L MOORE MS Assoc Prof Agr Econ Ext
13W P ANDERSON MS Asst Prof Dairy Cattle Ext	13H E NEIGH MS Instr Consum Econ
13S E BARNARD MS Asst Prof Dairy Prod Ext	12E J PARTENHEIMER PLD Assoc Prof Agr Econ
12A E BRANDING MS Res Asst Dairy Cattle 12W H CLONINGER PhD Assoc Prof Dairy Mat	12C W PIERCE PhD Prof Agr Econ 12T S POLESKY BS Res Asst Agr Econ
12W W COLEMAN II BS Asst Creamery	13C W PORTER MA Assoc Prof Agr Econ Ext
12J F CONE PhD Prof Food Microbiol	13L V RUBRIGHT MS Asst Prof Agr Econ Ext (PO
12E A DAY PhD Adjunct Prof Food Sci	Pittsburgh)
12R W DIETZ MS Res Asst Dairy Reprod	12W A SCHUTJER PhD Asst Prof Agr Econ
12P S DIMICK PhD Asst Prof Dairy Chem	12A PSTEMBERGER PhD Prof Agr Econ 12R ASTRUBLE BS Res Asst Agr Econ
12R J FLIPSE PhD Prof Dairy Reprod	125R G STUBY MS Adjunct Instr Rural Sociol
13H C GILMORE MS Prof Dairy Records Ext 12E D GLASS PhD Asst Prof Dairy Prod	12Mrs THEOLA F THEVAOS BS Res Asst Rural Sociol
12P G KEENFY PhD Prof Food Chem	12D W THOMAS MS Asst Prof Rural Social
12E M KESLER PhD Prof Dairy Nutr	13J S TOOTHMAN BA Asst Prof Agr F.con Ext
12MANFRED KROGER PhD Asst Prof Fo∞d Sci	12C E TROTTER PhD Prof Mktg
12R C MARTIG PhD Res Assoc Dairy Reprod	13A O VOIGT MS Assoc Prof Agr Econ Ext 13A D VOSE MBA Asst Prof Agr Econ Ext (PO Wilkes-
12R D McCARTHY PhD Assoc Prof Dairy Chem and	Barre)
Physiol 12STUART PATTON PhD Evan Pugh Res Prof of Aar	12R H WARLAND PhD Asst Prof Rural Social
13D N PUTNAM MS Assoc Prof Dairy Records Ext	13W K WATERS MS Asst Prof Agr Econ Ext (PO Kitton-
13H E SHAFFER MS Prof Dairy Reprod Ext	ning)
12P R SHELLENBERGER PhD Asst Prof Dairy Nutr Mat	12Mrs FERN K WILLITS PhD Asst Prof Rural Sociol
13L W SPECHT PhD Prof Dairy Brdg Ext	13L L YAGER MS Asst Prof Agr Econ Ext (PO Gettys-
ARC D CDEN CED MA Anna a Dank Decimi Mart Link	DHIM

Ed	n C	ıtio	n	(Agr)
				C T

12D R McCLAY PhD Prof and Head of Dept 124FRANK ANTHONY PhD Assoc Prof Agr Educ 12S M CURTIS DEd Asst Prof Agr Educ

123H F DORAN MS Asst Prof Agr Educ

12H J HOERNER MS Asst Prof Agr Educ 12N K HOOVER DEd Assoc Prof Agr Educ 12G Z STEVENS PhD Prof Agr Educ

12R F STINSON PhD Assoc Prof Agr Educ

### Engineering (Agr)

123F W PEIKERT MS Prof and Head of Dept 12B A ALDBICH PhD Prof Agr Engin

12P M ANDERSONMS Assoc Prof Agr Engin 12H D BARTLETT MS Prof Agr Engin

12D C BEPPLER MS Asst Prof Agr Engin 13L S CLICK MS Asst Prof Agr Engin Ext

13D R DAUM MS - Asst Prof Agr Engin Ext

13A R GROUT MS Assoc Prof Agr Engin Ext 13B S HORNE MS Assoc Prof Agr Engin Ext

12G R KANN Asst Agr Engin

12R A KEPPELER PhD Assoc Prof Agr Engin 1240 A KIMMEL MS Assoc Prof Farm Mech 12W L KJELGAARD MS Assoc Prof Agr Engin

13J A McCURDY MS Assoc Prof Agr Engin Ext 12N N MOHSENIN PhD Prof Agr Engin

12C T MORROW MS Instr Agr Engin 12E A MYERS PhD Assoc Prof Agr Engin

12M E SCHROEDER PhD Assoc Prof Agr Engin 124M D SHAW MS Assoc Prof Agr Engin

12K Q STEPHENSON MS Prof Agr Engin 12M A WITTMAN Asst Agr Engin

13N H WOODING Jr MS Assoc Prof Agr Engin Ext

### Entomology

8810

8800

123B F COON PhD Prof and Head of Dept 13L E ADAMS MA Prof Ent Ext 12DEAN ASQUITH MS Prof Fruit Ins (PO Arendtsville)

12A W BENTON PhD Asst Prof Apic 13D L BIERLEIN MS Asst Prof Ent Ext and Pesticides

Coord 13W W CLARKE Jr BS Assoc Prof Apic Ext

12J A COX PhD Prof Fruit Ins (PO North East) 125E D ECKESS MS Adjunct Asst Prof Plant Pest Control

12C D ERCEGOVICH PhD Assoc Prof Chem Pesticides

12D E H FREAR PhD Prof Chem Pesticides and Dir of Pesticides Res Lab

13S G GESELL MS Assoc Prof Ent Ext 13S G GREEN MA Asst Prof Ent Ext

12R L HORSBURGH BS Res Asst Ent

12A A HOWER Jr PhD Asst Prof Forage Ins 12W H KEARBY PhD Asst Prof For Ent

12K C KIM PhD Asst Prof Syst

12D A KURTZ PhD Asst Prot Chem Pesticides

12D R MacKENZIE BS Res Asst Pesticides

13ARNOLD MALLIS MS Asst Prof Ent Ext 12R O MUMMA PhD Asst Prof Chem Pesticides

1 2RABINDRA PRASAD PnD Res Asst Pesticides

12C W RUTSCHKY PhD Prof Morphol and Embryol 12ZANE SMILOWITZ PhD Asst Prof Ins Toxicol

12THOMAS SMYTH Jr PhD Assoc Prof Ins Physiol

12R J SNETSINGER PhD Assoc Prof Mushroom and Ornam Ins

12R S STARK MS Res Asst Ornorn Ins

13R C TETRAULT PhD Asst Prof Ent Ext

12H G TOWNSEND Jr MS Instr Ins Biol Control

12W G YENDOL PhD Assoc Prof Biol Control

### Extension 13H K ANDERS MS Asst Dir and Prof Agr Ext

8820

13J W BERGSTROM MS Asst to Dir and Instr Agr Ext

134L H BULL BS Asst Dir and Prof Agr Ext

13W C COCHRANE MEd Asst Dir and Prof Agr Ext 13M R DEPPEN MS Asst Dir and Asst Prof Agr Ext

13M R LYNCH MS Asst to Dir and Assoc Prof Agr Ext 13E B TAIT MS Asst Dir and Assoc Prof Agr Ext

13F S ZETTLE MS Asst Dir and Asst Prof Agr Ext

13F E BORTZ BS Instr in Agr Ext and Asst State 4-H Club L.dr

#### Extension-Continued 8790

123E J BROWN PhD Prof Agr Ext

13JOYE E BROWN BS Asst Prof Home Econ Ext and Asst State 4-H Club Ldr

13J A CONDO MS Asst Prof Agr Ext

13Mrs NELLIE E CONNELL BS Asst Prof Home Econ Ext and Asst State 4-H Club Ldr

13ELLEN K GARBER MS Assoc Prof Home Econ Ext and Asst State Home Econ Ldr

13S K GARBER BS Instr Agr Ext (PO Washington)

13W L HALDEMAN MS Asst Prof Correspondence Courses 13P G HARR MEd Instr Agr Ext and Asst State 4-H Club Ldr

13CATHERINE E HOLT MEd Asst Prof Home Econ Ext and Asst State Home Econ Ldr

13C L HOWES MS Asst Prof Agr Ext and Asst State 4-H Club Ldr

13L G JINKS MS Asst Prof Agr Ext and Chmn Ext Youth Prog

13G W KEENER MS Asst Prof Agr Ext (PO Clarion)

13PATRICIA A KELLEY MEd Asst Prof Home Econ Ext and Asst State 4-H Club Ldr

13J A MACIALEK MEd Asst Prof Agr Ext (PO Scranton) 13C A MINTMIER MS Assoc Prof Agr Ext and Asst State 4-H Club Ldr

13H T MOON BS Asst Prof Agr Ext and Asst State 4-H Club Ldr

13SANDRA A MOORE BS Instr Agr Ext (POPhiladelphia) 13P H B NORTON BS Instr Agr Ext (PO Huntingdon)

13 ANN S NYGAARD MA Assoc Prof Home Econ Ext and Asst State Home Econ Ldr

13Mrs BETTE G PATTON MS Assoc Prof Home Econ Ext and Asst State Home Foon Lide 13J H REYBURN MS - Asst Prof Agr Ext and Asst State

4-H Club Ldr 13MARY K RISSINGER MA Prof Home Econ Ext and Asst

State Home Econ Ldr 13R B SCHLOSSER BS Instr Agr Ext (PO Meadville)

13W L SIPPLE Jr MS Instr Agr Fxt

13G H TEMPLE MS Asst Prof Agr Ext (PO Pottsville)
13F C TURNER BS Asst Prof Agr Ext (PO Tunkhannock)

13W L WELKER MS Asst Prof Agr Ext (PO Greensburg)

### Farm Operations and Service

8830 8840

12J B KISTLER BS Instr Agr Engin and Supt

### Forest Resources, School of

12W W WARL DFor Prof and Dir of Sch

FORESTRY AND WILDLIFE

12R A BARTOO MF Prof and Head of Dept

13R C ALLISON MF Asst Prof For Ext

12F Y BORDEN PhD Asst Prof Soil Phys 12T W BOWERSOX MS Res Asst Silvic

13R S COCHRAN MS Asst Prof For Mktg and Util Ext

(PO Ridaway) 1R W DOUGLASS MS Asst Prof For (PO Mont Alto)

12P E DRESS MS Asst Prof Biometrics

13E P FARRAND MF Asst Prof For Mgt Ext

1P W FLETCHER PhD Prof For Soils

12J L GEORGE PhD Assoc Prof Anim Ecol 12H D GERHOLD PhD Assoc Prof Plant Genet

124M K GODDARD DSc Prof For Mgt

12R J HUTNIK PhD Assoc Prof Plant Physiol 12R N JORGENSEN DFor Adjunct Prof For Prod

12H W LULL PhD Adjunct Prof For Hydrol 12R F MELTON MF Assoc Prof For Mat and Dir Expt For

1H L MOSHER MF Asst Prof For Mgt (PO Mont Alto)

12E H PALPANT IS Hes Asst For

12L E RISHEL BS Res Asst For

12E J SCHREINER PhD Adjunct Prof For Genet 12R D SHIPMAN PhD Assoc Prof Weed Control

12R L SOLES MS Instr Plant Genet

12W E SOPPER PhD Assoc Prof Watershed Mgt

12C H STRAUSS MS Instr For Econ

1K J SWISHER MF Instr For Mat (PO Mont Alto) 13D W TABER MS Instr For Mktg and Util Ext (PO

Tunkhannock) 13R G WINGARD MS Assoc Prof Wildlife Mat Ext

12G W WOOD MS Instr Wildlife Mat

WOOD SCIENCE AND TECHNOLOGY

8840-8876 PENNSYLVANIA

	Plant Pathology-Continued
Forest Resources, School of-Continued 12W K MURPHEY PhD Assoc Prof For Prod and Head of	134C F TAYLOR PhD Prof Fruit Dis Ext
Dept	12BARBARA L WHITE BS Res Asst Dis Ornorn Plants
12F C BEALL MS Asst Prof Wood Phys	124F A WOOD PhD Assoc Prof For Path Air Pollution 123P J WUEST PhD Asst Prof Applied Mycol Mushrooms
12P C KERSAVAGE MS Instr For Prod 12O A SCHMIDT MF Assoc Prof For Prod	1231 3 WOLDT THE MOST TOT Applied Myor Mashrooms
ASSOC PIOT FOU	Poultry Science 8866
Herticulture 8860	123KENNETH GOODWIN PhD Prof and Head of Dept
123D E WALKER PhD Prof and Head of Dept	12G O BRESSLER PhD Prof Poultry Mat 12T W BURR BS Instr Poultry Sci and Mar Poultry Plant
12SAMUEL ATMORE Asst Hort	12E G BUSS PhD Prof Poultry Genet
12E L BERGMAN PhD Assoc Prof Plant Nutr	12H B GRAVES III PhD Asst Prof Anim Behavior
13C S BITTNER PhD Prof Pomol Ext 13A C BOTACCHI MS Asst Prof Hort Ext (PO Butler)	12E B HALE PhD Prof Anim Behavior
12J E BREWER Jr PhD Asst Prof Ornam Hort	12A F HICKS Jr PhD Assoc Prof Poultry Genet
12RICHARD CRAIG PhD Asst Prof Plant Brdg	13F W HICKS PhD Assoc Prof Poultry Sci Ext 13H C JORDAN MS Asst Prof Poultry Sci Ext
12R G CREECH PhD Assoc Prof Plant Brdg	12R M LEACH Jr PhD Assoc Prof Poultry Nutr
13JO DUTT MS Prof Veg Crops Ext 13R F FLETCHER MS Prof Veg Crops Ext	12J H MacNEIL PhD Assoc Prof Food Sci
13W R FORTNEY PhD Assoc Prof Flor Ext	12W J MUELLER DSc Prof Poultry Nutr
12C W HAESELER PhD Assoc Prof Pomol (PO North	Veterinary Science 8870
East)	,
12CHIKO HARAMAKI PhD Asst Prof Ornam Hort	123A L BORTREE DVM Prof and Head of Dept 12M O BRAUNF PhD Asst Prof Immunol Poultry Dis
12F N HEWETSON PhD Prof Pomol (PO Arendtsville)	12G R BUBASH BS Instr Microbiol Anim Dis
12C W HITZ PhD Prof Pomol 13G D KUHN PhD Assoc Prof Food Technol Ext	125C D CLARK VMD Adjunct Asst Prof Vet Sci
12J D MARTSOLF PhD Assoc Prof Agr Micrometeorol	12H W DUNNE DVM PhD Prof Path Swine Dis
12J W MASTALERZ PhD Prof Flor	12R J EBERHART VMD Asst Prof Physiol Dairy Cattle
12F J McARDLE PhD Assoc Prof Food Sci	12R F GENTRY DVM PhD Prof Virol Poultry Dis 124P J'GLANTZ PhD Assoc Prof Immunol
12R P MEAHL MS Prof Omam Hort	12STEPHEN GORDEUK VMD Assoc Prof Poultry Path
12R A MILLER MS Instr Food Sci 12C J NOLL MS Assoc Prof Oler	12L C GRIEL Jr VMD Instr Physiol Dairy Cattle .
13J R NUSS Jr MS Instr Ornam Hort Ext	13S B GUSS VMD Prof Vet Sci Ext
12M L ODLAND PhD Prof Oler	12J F HOKANSON DVM Prof Vet Sci and Univ Vet
13C S OLIVER MEd Asst Prof Ornam Hort Ext	12J F KAVANAUGH DVM Asst Prof Vet Sci and Acta Dir Lab Anim Prog
12P B PFAHL PhD Assoc Prof Flor	12D C KRADEL DVM Asst Prof Anim Path
13J K RATHMELL Jr MS Assoc Prof Flor Ext (PO Norristown)	12D M. MURPHY DVM. Asst Prof Lab Anim Med
12C M RITTER PhD Prof Pomol	12W H PATTON DVM PhD Asst Prof Tissue Cult
12M H RUNNER MS Instr Hort	12HANSJAKOB ROTHENBACHER DVM PhD Assoc Prof
124C B SMITH PhD Prof Plant Nutr	Histopathol  13L D SCHWARTZ DVM Assoc Prof Vet Sci Ext
12R F STINSON PhD Assoc Prof Hort	12ARIAN ZARKOWER DVM PhD Asst Prof Immunochem
12L D TUKEY PhD Prof Pomol 12J W WHITE PhD Asst Prof Flor	Dairy Cattle
THE THE PROPERTY OF THE PROPER	
	341 11
Pennsylvania Cooperative Wildlife Research Unit 8862	Mixcellaneous 8872
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mgt	Miscellaneous 8872 12 VLADIMIR MICUDA MA Agr Libr
· ····································	
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874 1 D H FORD PhD Dean (814-865-2515)
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat Plant Pathology 8864	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874 1 D H FORD PhD Dean (814-865-2515) 1T R VALLANCE PhD Assoc Dean for Res and Acta
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devipmt (814-865-9041)
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FOHD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Deam for Res and Acta Dir Inst Study of Human Devipmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devipmt (814-865-9041)
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-791)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FOHD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUGH PhD Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS)	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devipmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devipmt
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J R BUYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devipmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devipmt
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 1 D H FORD PhD Dean (814-865-2515) 1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Fuman Devipmt (814-865-9041) 1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091) 1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514) 1Mrs MARGARET S BASTUSCHECK BS Instr Human Devipmt 1CAROLINE A GOERING BS Instr Human Devipmt 1Mrs REBECCA R STROUSE BA Instr Human Devipmt 1Mrs MARION F WEBER MS Instr Human Devipmt
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FOHD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms 12Nts ROSLYN G LEVINE BS Res Asst Plant Path	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET'S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  Biological Health 8876  1M W RAFFEL PhD Prof Health Planning and Dir Div
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  Biological Health  1M W RAFFEL PhD Prof Health Planning and Dir Div 12G P BARRON Jr PhD Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Apolied Mycol Mushrooms 12NL LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis	12VLADIMIR MICUDA MA Agr Libr  College of Human Development 8874  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET'S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  Biological Health 8876  1M W RAFFEL PhD Prof Health Planning and Dir Div
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEBONE PhD Prof Applied Mycol Mushrooms 12NL LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path	College of Human Development  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  Biological Health  1M W RAFFEL PhD Prof Health Planning and Dir Div 12G P BARRON Jr PhD Prof Foods and Nutr 1JoANN BROTEMARKLE BSN Instr Nursina 1DOROTHY M CLINTOCK MSN Asst Prof Nursina 1Mrs LAUREL A COPP PhD Assoc Prof Nursina
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 12SR E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis	College of Human Development  1 D H FORD PhD Dean (814-865-2515)  1T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1CAROLINE A COERING BS Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1Mrs MARION F WEBER MS Instr Human Devlpmt  1Biological Health  1M W RAFFEL PhD Prof Health Planning and Dir Div  12G P BARRON Jr PhD Prof Foods and Nutr  1JoANN BROTEMARKLE BSN Instr Nursing  1DOROTHY M CLINTOCK MSN Asst Prof Nursing  1Mrs LAUREL A COPP PhD Assoc Prof Nursing  1D B COURSIN MD Adjunct Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELEONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dis	College of Human Development  1 D H FOHD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A GOERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mr NAFFEL PhD Prof Health Planning and Dir Div  12 G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursing  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 Mrs LAUREL A COPP PhD Assoc Prof Nursing  1 DB COURSIN MD Adjunct Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864 123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Instr Epid Flor (ARS) 124B R KISTLER BS Res Asst For Path 12L R KNEEDONE PhD Prof Apolied Mycol Mushrooms 12NL LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFRRILL Jr PhD Asst Prof For Path 12P R NELSON PhD Prof Ornam Dis 12P INLSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Cer Path	College of Human Development  1 D H FOND PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET'S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs RAFFEL PhD Prof Health Planning and Dir Div  1 2 G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 Mrs LAUREL A COPP PhD Assoc Prof Nursing  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEF M NICHOLAS GOUGH MSN Assoc Prof Nursing
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELEONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dis	College of Human Development  1 D H FOHD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 10 P BARRON Jr PhD Prof Health Planning and Dir Div  1 2 G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursina  1 DROTHY M CLINTOCK MSN Asst Prof Nursina  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTER M NICHOLAS COUGH MSN Assoc Prof Nursina  1 MIS HELEN A GUTHRIE MS Asst Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELEONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFRRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Ornam DIs 12P E NELSON PhD Prof Ornam DIs 12R R NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Hes Asst Applied Mycol Mushrooms	College of Human Development  1 D H FOND PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET'S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs RAFFEL PhD Prof Health Planning and Dir Div  1 2 G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 Mrs LAUREL A COPP PhD Assoc Prof Nursing  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEF M NICHOLAS GOUGH MSN Assoc Prof Nursing
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUGHER SASSOC Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEDONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Cornam Dis 12R R NELSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Potato Dis 12R R NELSON PhD Prof Potato Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Res Asst Epid For Path	College of Human Development  1 D H FOND PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 DOGGOTHY M CLINTOCK MSN Asst Prof Nursing  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEF M NICHOLAS COUGH MSN Assoc Prof Nursing  1 Mrs HELEN A GUTHRIE MS Asst Prof Foods and Nutr  1 SISTEF M NICHOLAS COUGH MSN Assoc Prof Nursing  1 Mrs PAULINE H HORD MPH Assoc Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 GRACE E LAUBACH MA Assoc Prof Nursing
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFRRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dts 12P E NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12S P PENNYPACKER MS Res Asst Epid For Path 13D H PETERSEN PhD Assoc Prof Dis Deciduous Fruits	College of Human Development  1 D H FOHD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 10 Rodical Health  1 M W RAFFEL PhD Prof Health Planning and Dir Div  1 2 G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursina  1 DE COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEM MICHOLAS COUGH MSN Assoc Prof Nursina  1 Mrs MAEGARET M MORSE BS Instr Home—Community  1 Mrs MARGARET KARNS RN Asst Prof Nursina
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELFONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MERRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Ornam Dis 12P E NELSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Res Asst Epid For Path 13D H PETERSEN PhD Assoc Prof Dis Deciduous Fruits Ext	College of Human Development  1 D H FOHD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Deam for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 DOING HEALT PROPOSE BA INSTRUMENT OF STROUGH AND PROFICE BOARD
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R E HITE MS Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEDONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendisville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFRRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Ornam Dis 12R R NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Res Asst Applied Mycol Mushrooms 12S P PENNYPACKER MS Res Asst Epid For Path 13D H PETERSEN PhD Assoc Prof Dis Deciduous Fruits Ext 12G L SCHEIFELE BS Res Asst Plant Path	College of Human Development  1 D H FOND PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs RAFFEL PhD Prof Health Planning and Dir Div  12G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 Mrs LAUREL A COPP PhD Assoc Prof Nursing  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEF M NICHOLAS GOUGH MSN Assoc Prof Nursing  1 Mrs HELEN A GUTHRIE MS Asst Prof Nursing  1 Mrs HELEN A GUTHRIE MS Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET M MORSE BS Instr Home—Community  Relat  1 RUTH L PIKE PhD Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mat 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mat  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 12SR E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEEL-ONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFERILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Cornam Dis 12P E NELSON PhD Prof Cornam Dis 12R R NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Res Asst Applied Mycol Mushrooms 12S P PENNYPACKER MS Res Asst Epid For Path 13D H PETERSEN PhD Assoc Prof Dis Deciduous Fruits Ext 12G L SCHEIFELE BS Res Asst Plant Path	College of Human Development  1 D H FOHD PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Acta Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 Mrs MARION F WEBER MS Instr Human Devlpmt  1 10 Part Human Devlpmt  1 DOROTHY M CLINTOCK MSN Asst Prof Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursina  1 DE COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEM MICHOLAS COUGH MSN Assoc Prof Nursina  1 Mrs HELEN A GUTHRIE MS Asst Prof Foods and Nutr  1 SISTEM NICHOLAS COUGH MSN Assoc Prof Nursina  1 Mrs PAULINE H HORD MPH Assoc Prof Nursina  1 GRACE E LAUBACH MA Assoc Prof Nursina  1 Mrs MARGARET M MORSE BS Instr Home—Community Relat  1 RUTH L PIKE PhD Prof Foods and Nutr
126J S LINDZEY PhD Adjunct Assoc Prof Wildlife Mqt 126C R STUDHOLME BA Adjunct Asst Prof Wildlife Mqt  Plant Pathology 8864  123JAMES TAMMEN PhD Prof and Head of Dept 13A H BAUER MS Assoc Prof Plant Path Ext 12J R BLOOM PhD Prof Root Dis Nematol 12J S BOYLE PhD Prof Plant Virol 12HERBERT COLE Jr PhD Assoc Prof Biol Cont Dis Turf 125R E HITE MS Adjunct Instr Epid Flor (ARS) 125R A HYRE PhD Adjunct Prof Epidemiol 124B R KISTLER BS Res Asst For Path 12L R KNEELONE PhD Prof Applied Mycol Mushrooms 12N L LACASSE PhD Asst Prof Plant Path and Air Pollution 12Mrs ROSLYN G LEVINE BS Res Asst Plant Path 12F H LEWIS PhD Prof Fruit Dis Control (PO Arendtsville) 12F L LUKEZIC PhD Asst Prof Forage Root Dis 12WILLIAM MFRILL Jr PhD Asst Prof For Path 12W R MILLS PhD Prof Potato Dis 12P E NELSON PhD Prof Ornam Dts 12R N NELSON PhD Prof Cer Path 13L P NICHOLS MS Prof Plant Path Ext 13R G OSTROWSKI PhD Asst Prof Fruit Dis Ext 12T G PATTON Jr MS Hes Asst Applied Mycol Mushrooms 12S P PENNYPACKER MS Res Asst Epid For Path 13D H PETERSEN PhD Assoc Prof Dis Deciduous Fruits Ext 12G L SCHEIFELE BS Res Asst Plant Path 12L C SCHISLER PhD Assoc Prof Applied Mycol	College of Human Development  1 D H FOND PhD Dean (814-865-2515)  1 T R VALLANCE PhD Assoc Dean for Res and Actq Dir Inst Study of Human Devlpmt (814-865-9041)  1 EDNA E SOMMERFELD MA Asst Dean for Cont Educ (814-865-7091)  1 LOUISE GENTRY PhD Asst Dean for Resident Educ (814-865-2514)  1 Mrs MARGARET S BASTUSCHECK BS Instr Human Devlpmt  1 CAROLINE A COERING BS Instr Human Devlpmt  1 Mrs REBECCA R STROUSE BA Instr Human Devlpmt  1 Mrs RAFFEL PhD Prof Health Planning and Dir Div  12G P BARRON Jr PhD Prof Foods and Nutr  1 JOANN BROTEMARKLE BSN Instr Nursina  1 DOROTHY M CLINTOCK MSN Asst Prof Nursing  1 Mrs LAUREL A COPP PhD Assoc Prof Nursing  1 D B COURSIN MD Adjunct Prof Foods and Nutr  1 SISTEF M NICHOLAS GOUGH MSN Assoc Prof Nursing  1 Mrs HELEN A GUTHRIE MS Asst Prof Nursing  1 Mrs HELEN A GUTHRIE MS Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET KARNS RN Asst Prof Nursing  1 Mrs MARGARET M MORSE BS Instr Home—Community  Relat  1 RUTH L PIKE PhD Prof Foods and Nutr

8876-8908 PENNSYLVANIA

### Biological Health-Continued

1S P SHANOR PhD Instr Nursing RUTH F. SMITE MPH. Aspec Prof Nursing 1Mrs EDNA H TREASURE ESP Prof Nursing and Head Nursing Prog

### Community Development

8878

1DAVID GOTTLIF'S Ph.D. Prof Human Devlpmt and Dir Div

1JAY CAMPISILL Jr MC Asst Prof Law Enforcement and Corrections

1W F. FREEMAN PED Prof Human Devlomt

1H L GUTTENPLAN DPA Prof Law Enforcement and Corrections

1L J HASSOL PhD Assoc Prof Human Devlpmt 1W FI HEWITT MA Assoc Prof Law Enforcement and

Corrections

1J C MUNTONE EdD Assoc Prof Human Devlpmt

1 C L NEWMAN MPA Prof Law Inforcement and Corrections and Head Prog Law Enforcement and Corrections

1W H PARSONAGE MA Instr Law Enforcement and Corrections

1J L PERINE MA Instr Com Services

1M A ShEPARL PhD Asst Prof Human Devlomt

1W R STELLWAGEN PhD Prof Human Devlomt

### Individual and Family Studies

8880

1H B URBAN PhD Dir Div and Assoc Prof Human Devlpmt and Psychol 1R W BORTNER PhD AssocProf Human Devlomt

1J H BRITTON PhD Prof Human Devlomt 1C B BRODERICK PhD Assoc Prof Fam Relat

1Mrs ANN G COOK MA Instr home-Community Relat 1VL ADIMIR De LISSOVOY PhD Assoc Prof Child Devlpmt and Fam Relat

1Mrs LURENE J FHANTZ MA Instr Home-Community Relat

12M GERALDINE GAGE PhD Assoc Prof Fam Econ 1Mrs JANICE GEORGE MS Asst Prof Home Mat 1STELLA R COLDBERG EdD - Asst Prof Child Devlomt and Fam Relat

TIRENE E L'ARMS PhD Prof Child Devlomt and in cha Infant Devlpmt Group

1D & HARRIS PhD Prof Human Devipmt

1Mrs MARY W HICKS PhD Asst Prof Child Devlpmt and Fam Relat

1Mrs HELLEN G HIESTER BS Instr Home-Community Relat

12MARJORIE M KNOLL PhD Prof Home Mat 1WINONA L MORGAN PhD Prof Child Devlpmt and Fam Relat and Dir Nursery Sch

1 ADDREEN MICHOLS PhD Assoc Prof Fam Econ and Home Mgt

1L JEANNE HIEEEL MS Assoc Prof Home Mat and Household Equip

1Mrs EVELYN R SAUBEL BS Asst Prof Gen Fam Studies 13W M SMITH Jr PhD Prof Fam Relat

1KATHERINE A STOOKSEURY MS Asst Prof Child

1CHARLES TAYLOR PhD Prof Human Devlpmt

### Man-Environment Relations

Text

8885

1R G STUDER Jr MArch Prof Environ Design and Dir Div

1Mrs AURELIA K ADAMS MEd Asst Prof Cloth and Text 1 2Mrs RUTH W AYRES PhD Prof Cloth and Text 1J J CIOCH BS Instr Hotel and Inst Admin 12BARBARA E DENSMORE PhD Assoc Prof Cloth and

1ELEANOR M ECCLESTON MS Instr Hotel and Inst Admin

1RUTH E ESHLEMAN Mi.d Instr Hotel and Inst Admin 1R L GRAHAM MA Instr Fam Housing and Home Art 1Mrs MARGARET W HAGER MS Asst Prof Cloth and Text 1J. R KEISER M.S.A. Assoc Prof Hotel and Inst Admin 1J F KPAWIEC DEa AssocProf Cloth and Text Res 1R B LEINBACH MEd Asst Prof Fam Housing and Home Art

1S M LEMBECK MCP Asst Prof Fam Housing

### Man-Environment Relations-Continued

1Mrs MARTHA M LOGAL MS - Asst Prof Home Equip and Consumer Serv

1Mrs JEANNETTE LYNCh MA Asst Prof Fam Econ and Home Mat

1Mrs MILDRED T LYNCH MEd Instr Fam Housing and Home Art

1M COLEEN McCANN MPH Asst Prof Hotel and Inst Admin

1W J McHALE FidD Assoc Prof Housing and Design

1L A OLIVIA BS Instributel and Inst Admin

1T SPHILLIPS BS Instr hotel and Inst Admin

1Mrs NAOMI A REICH MA Instr Cloth and Text 1Mis RUTH H SMITH MS - Asst Prof Fam Housing and Hon.e Art

1Mrs MARION K STOCKER BS Asst Prof Home-Community Helat

1AF TESI PhD Prof Cloth and Text

1S E THOMPSON DEd Prof Hotel and Inst Admin

1D B VAN DOMMELEN MA Assoc Prof Fam Housing ana Home Art

1S.D. WhITE MS Instr Betailing

### Extension

8890

13Mrs MABEL & BARTON BS Asst Prof Cloth Ext 13HELEN BELL MS Assoc Prof Home Mgt Ext 13Mrs RUTH J BUCK MS Asst Prof Foods and Nutr Ext 134Mrs HUTHALEE M CARROLL MS Asst Prof Foods and Nutr Ext

13LOUISE W HAMILTON MS Assoc Prof Foods and Nutr Ext

13CATHERINE B LOVE MS Asst Prof Consum Econ Ext 13M1RIAM E McGREW MA Assoc Prof Home Mgt Ext 13Mrs HELEN T PUSKAR MS Asst Prof Home Mat Ext 13Mrs CAROLYN R SCHROCK MS Asst Prof Home Mgt Ext

13Mrs CECILE P SINDEN MS Asst Prof Home Mgt and Housing Ext

13BERNICE J THARP MS Asst Prof Cloth Ext 13Mrs RUTH ANN WILSON MS Asst Prof Cloth Ext College of Science

### Biochemistry

8900

1J H PAZUR PhD Prof and head of Dept 12C O CLAGETT PhD Prof Biochem Lipids 12A L HASKINS MS Assoc Prof Biochem
12J D LOERCH PhD Asst Prof Biochem Mech 12M F MALLETTE PhD Prof Biochem Microbiol 12R L McCARL PhD Asst Prof Tissue Cult 12J W SHIGLEY PhD Assoc Prof Biochem

### Biology

8904

1J G O'MARA PhD Prof and Head of Dept 12B G ANDERSON PhD Prof Zool 121. V. Al DERSON MS Asst Prof Physiol 12ADAM ANTHONY PhD Prof Zool 12E D BELLIS PhD Assoc Prof Zool 12TIEN-HSI CHENG PhD Prof Z∞1 12E L COOPER PhD Prof Zool 1R F COSTANTINO PhD Asst Prof Genet 12PAUL GRUN PhD Prof Cytol 12R H HAMILTON Jr PhD Assoc Prof Physiol 12R T HOULIHAN PhD Ass ∞ Prof Zool 1 C S KEENER PhD Asst Prof Bot 12E W WICKERSHAM PhD Asst Prof Z∞1 12F H WITHAM PhD Asst Prof Physiol 12MERRILL WOOD MS Assoc Prof Zool 12J E WRIGHT Jr PhD Prof Genet

## Microbiology

8908

12R W STONE PhD Prof and Head of Dept 12L E CASIDA Jr PhD Prof Microbiol Pr∞ 12G W CLAUS PhD Asst Prof Bact Physiol 12D Z GRUBBS BS Instr Microbiol Proc 12C E HEIST PhD Assoc Prof Antigens and Antibodies

12W W KARAKAWA PhD Asst Prof Immunochem
12E S LINDSTROM PhD Prof Bact Physial

12E H LUDWIG PhD Prof Microbiol Arbor Viruses 12CHRISTINE POOTJES PhD Asst Prof Genet Microorganisms

12D R TERSHAK PhD Asst Prof Enteric Viruses 12L N ZIMMERMAN PhD Prof Genet Microorganisms 8920

### Pennsylvania Cooperative Fishery Unit

1267. L SUTLER PhD Asst Prof Zool and Unit Ldr

### **PUERTO RICO**

Agriculture Experiment Station, Mayaguez Campus, University of Puerto Rico, Rio Piedras 00928

2Station Staff 3Extension Staff 1College Staff 4Leave of Absence 5Coop USDA 6Other Cooperators 7Port Time

8930

123JAIME BENITEZ MA LLM Pres (765-6590) 123J E ARRARAS LLB Chanc (832-4040) 2ARTURO ROQUE MS Dir Expt Sta (766-1240) 2ADOLFO ESCHENWALD HESS MS Asst Dir (766-1 240)

2L RIVERA BRENES PhD Asst Dir (766-1240) 2L LOPEZ MATOS PhD Tech Asst and Phytopath (766-I240)

2E SILVA TORRES MS Admin Asst to Dir and Econ (766-1240)

2MRS N DIAZ de ACIN MA Admin Exec Asst (766-1240) 2R PERDAZA GONZALEZ BA Admin Asst and Assoc Econ (766-I240)

Agronomy and Soils

8940

2A S AMY BS Agron and Acta Head of Dept

2Miss N M ACIN DIAZ BS Res Asst

2S ALERS ALERS BS Asst Agron

2A G ALEXANDER PhD Phytophysiol

2F H BEINROTH PhD Asst Soil Sci

2E J BRENES MS Assoc Soil Sci

2Mrs E COLON de MARTINEZ BA Res Asst

2J JUAREZ Jr BS Soil Sci

2R del VALLE Jr BS Res Asst

2H D DUBEY PhD Assoc Soil Microbiol

2E GONZALEZ TEJERA MS Assoc Agron

2E HERNANDEZ MEDINA PhD Agron

2J JUAREZ Jr BS Soil Sci 2M A LUGO-LOPEZ PhD Soil Sci

2R MONTALVO ZAPATA MS Asst Chem

2R PEREZ ESCOLAR PhD Assoc Soil Sci

2R PEREZ PEREZ BS Adv Prod Wrapper Tobacco

2N RAMOS BS Agron

2Miss R L RODRIGUEZ BS Res Asst

2J ROLDAN MS Soil Chem

2G SAMUELS PhD Agron 2G L SPAIN PhD Assoc Agron

2A VELEZ RAMOS BS Asst Agron

Animal Husbandry

2L RIVERA BRENES PhD Prof Anim Husb and Head of Dept

24J A ARROYO MS Asst Nutr

2C M BERROCAL BS Asst Bact

2D de LEON PhD Parasitol

2J D RIVERA ANAYA VMD Vet 2M SOLDEVILA PhD Assoc Nutr

Economics (Agr) and Sociology (Rural) 8960

2G E PRINGLE MS Assoc Econ and Head of Dept 24M AVILES CORDERO MS Econ

2R CALERO BA Asst Sociol 2P CHOUDHURY PhD Asst Econ

2Miss A CONDE RAMIREZ BS Res Asst

2MRS Z M DIAZ de SUMAZA BS Res Asst

2G ESPINET MS Assoc Econ

2R GARCIA ORTEGA MS Assoc Econ

2S GONZALEZ GARCIA BAE Res Asst 2E GONZALEZ VILLAFANE MS Asst Econ

2D HADDOCK SUAREZ MBA Econ and Tech Adv 2Miss M I HERNANDEZ LOPEZ BA Res Asst

2L HERNANDEZ GONZALEZ MS Assoc Econ

2A LLORENS MS Asst Econ

27F MATTERN BA Mktg Spec

2Miss W MATOS CARDONA BA Res Asst

2F MORALES SOSA BS Res Asst

Economics (Agr) and Sociology (Rural)-Continued

2L R MULER BA Res Asst

2Mrs L RODRIGUEZ de ZAPATA BA Asst Econ

2J E SANTINI MS Asst Econ

2D VARGAS HERNANDEZ MS Assoc Econ

Engineering (Agr) 8970
12 J H RODRIGUEZ ARIAS PhD Prof Agr Engin and Head

8980

8990

9000

9010

of Dept 12W F ALLISON MS Assoc Prof Agr Engin

12D S BOYCE PhD Assoc Prof Agr Engin

2R OTERO DAVILA BSAE Asst Agr Engin

24A L PHILLIPS PhD Asst Agr Engin

2C SARAN PhD Asst Agr Engin

2D J Van REST PhD Assoc Agr Engin

Entomology

2L F MARTORELL PhD Ent and Head of Dept

2A AYALA ALMODOVAR PhD Assoc Nematol

2P E FERKET MS Asst Ent

2J C GARCIA TUDURI MS Asst Ent

24S MEDINA GAUD MS Asst Ent

2M E PEREZ ESCOLAR PhD Ent

2Mrs A PORGES WEISZ BS Res Asst

2J ROMAN TORO MS Asst Nematol

Food Technology Laboratory
2F SANCHEZ NIEVA MS Chem Engin and Tech Dir

2D ALCALA FRA SQUERI BS Assoc Bact

2H BATIZ HERNANDEZ PhD Assoc Chem

2J R BENERO BS Assoc Chem and Admin Asst

2Miss M L BERRIOS BS Res Asst

Mrs C E BUESO DE VINAS BS Res Asst

2L E CANCEL MS Food Tech

2H L CANCEL MASSANET BS Res Asst

2Mrs A L COLLAZO de RIVERA BS Res Asst

2G COLOM COVAS BS Assoc Hort

2B COLON FORTIS BS ChE Chem Engin 2J R CRUZ CAY MS Asst Food Technol

24Miss E DIAZ NEGRON BS Asst Chem

2M A GONZALEZ ROMAN MS Assoc Food Technol

2R GUADALUPE LUNA BS Res Asst 2I HERNANDEZ VIZCARRONDO BS ChE Asst Chem F.ngin

2Mrs A G HUYKE de IRIZARRY BS Tech Asst

2Mrs L M IGUINA de GEORGE BS Res Asst

2Mrs L A LEFEBRE de GONZALEZ BS Asst Food Technol

2A J RODRIGUEZ BS ChE Chem Engin 2E J RODRIGUEZ SOSA BS Res Asst

2R WALTER PhD Assoc Food Technol

Phytopathology and Botany 2J BIRD PINERO PhD Phytopath and Head of Dept 2J ADSAUR MIRO BS Phytopath

2L A ALVAREZ MS Phytopath

2H CIBES VIADE PhD Phytophysiol

2Mrs A CORTES MONLLOR BS Asst Bact

2Mrs M C FERNANDEZ PhD Assoc Nutr

2Mrs S GAZTAMBIDE de URRUTIA MS Asst Chem

2J GONZALEZ IBANEZ BS Asst Biol

2L C L IU PhD Asst Phytophysiol 2L J L IU PhD Assoc Phytopath

2J H LOPEZ ROSA PhD Assoc Phytopath

2P L MELENDEZ MS Asst Phytopath

2J E PEREZ OTERO PhD Bact

2Miss J SANCHEZ del MORAL MS Asst Biol

2A SANTIAGO BS Asst Agron 2M A TIO PhD Phytophysiol

2R WOODBURY MS Taxon

Plant Breeding 2J VELEZ FORTUNO PhD Brdr and Head of Dept

2Mrs I BRAS del FELICIANO BS Res Asst 2H GANDIA BS Hort

2C GONZALEZ MOLINA PhD Assoc Plant Brdr 2H IRIZARRY MS Asst Plant Brdr

2N MARQUEZ LUGO BS Agron

2W PENNOCK MS Hort 240 D RAMIREZ TORRES PhD Asst Plant Brdr

146

9010-9070 PHERTO RICO

### Plant Breeding-Continued

2K G SHAMBULINGAPPA PhD Assoc Cytogenet

2P C SWEERE MS Asst Plant Brdr 2N VIRKKI PhD Cytogenet

Rum Pilot Plant

9020

2V RODRIGUEZ BENITEZ MS Chem Engin and Tech Dir

2J L AGUIAR BS Res Asst 2Miss H ALEDO BS Res Asst

 $2\mbox{Mrs}$  Z AYALA DE LOPEZ MS  $\,$  Asst Chem

2A BELARDO YADOS MS Assoc Chem and Asst to Tech

2Mrs N H FERNANDEZ DE MURPHY MS Assoc Bact 27C C LINDEGREN PhD Bact

2 Mrs I F MORELL de GOZALEZ BS Asst Chem 2Mrs C SANCHEZ de TORRES NOYA BS Asst Chem

### Substations

9030

Adjuntas Substation

2R BOSQUE LUGO BS Asst Agron in Chg

2E G BONETA GARCIA BS Asst Hort

2J JORDAN MOLERO BS Res Asst

2A TORRES SEPULVEDA MS Asst Hort

Corozal Substation

2A SOTOMAYOR RIOS PhD Assoc Plant Brdr in Chq

2W RAMIREZ TOHO MS Res Asst

Fortung Substation

2A CEDENO MALDONADO MS Asst Hort

2J LOPEZ GARCIA MS Asst Agron

2V GODREAU BSA Asst Agron

2R PEREZ PEREZ MS Asst Ent

2I REYES SOTO BS Res Asst

2J L RODRIGUEZ VELEZ MS Asst Agron

2T SINGH DHALIWAL PhD Plant Brdr

Gurabo Substation

2A RODRIGUEZ CABRERA MS Agron in Chg

2A ACOSTA MATIENZO MS Assoc Agron

2Mrs NACOSTA VILLEGAS BS Res Asst

246E ALSINA BS Agron

2R BONILLA ROBLES BS Res Asst
2M CAPIEL AMADEO PhD Assoc Soil Sci

2 H CESTERO BS Assoc Anim Husb

2T L CHU MS Assoc Plant Brdr

26H KOIKE PhD Microbiol

2S WMETZ BS Res Asst 2J R MORCATE RICART MS Asst Agron

2C ORTIZ LUGO BS Agron and Admin Asst

2S J RODRIGUEZ PhD Assoc Hort

2J L SERAPION BS Res Asst

2S O VELEZ DELGADO BS Res Asst

Isabela Substation

2L B ORTIZ MS Agron in Chg

2R ABRAMS de LEON PhD Plant Brdr

2J BADILLO FELICIANO MS Asst Agron

24C CRUZ RAMOS BS Res Asst

2R GANDIA CARO MS Assoc Agron

24R MENDOZA BARBOSA BSA Asst Agron

2A MORALLES MUNOZ BS Res Asst

2A PEREZ LOPEZ MS Asst Agron

2C PAMOS CARO BJ. Fes Asst.

2F RODRIGUEZ CARDONA BS Res Asst

Laias Substation

12A ESCHENWALD-HESS MS Asst Dir in Chg Agr Engin and Prof

2L ALMODOVAR VEGA MS Asst Agron

21 CARLO GARCIA MS Anim Husb and Prof

2R IRIZARRY PAGAN BS Assoc Agron and Admin Asst

24J ORTIZ VELLEZ MS Assoc Drainage Sci

24M PEREZ ZAPATA BS Asst Agron

2E PRIETO BS Res Asst

24J A QUINONES MS Asst Plant Brdr

2G RAMIREZ OLIVERAS BS Res Asst

2A RAMIREZ ORTIZ MS Asst Anim Husb

24" frs C T PAMIRET BS Asst Agron

2P F RANDEL PhD Nutr and Assoc Prof

2M RICO BALLESTER PhD Asst Hort 2M ROJA S DAPORTA MS Anim Husb

2G RCSADO CARBO DVM Vet

Substations-Continued

2M RICO BALLESTER PhD Asat Hort

2M ROJAS DAPORTA MS Anın. Husb

2G R CSADO CARBO DVM Vet

2R VAZQUEZ ROMERO FhD Assoc Irrig Sci

2A VELLZ BAEZ BS Res Asst

2J VELEZ SANTIAGO BS Asst Anim Husb

2S WISCOVITCH MENDOZA BSCE Asst Engin

9040

Units For Technical Services Central Analytical Laboratory

2A RIEHA BS Chem in Chg

2Miss D FEHNANDEZ MS Asst Chem 2S JULIA de LORHNZI BS Res Asst

24M A MANZANO BS Assoc Biochem

2Mrs A L NAVAS ELIAS BS Asst Chem 2Mrs C V PENA de PAMIREZ BS Asst Chem

2Miss J RIVERA NUNEZ MS Assoc Chem

2G SANTIAGO APONTE BS Res Asst 2J A SINGMASTER MS Asst Chem

2Mrs S VILLAFANE de COLOM BS Asst Chem

EDITOR AND PUBLIC RELATIONS

2J A RAMOS BS Tech Ed in Chq

2L R COLLAZO SAINZ BA Assoc Tech Ed and Assoc Social

2L L GOMEZ DAVILA BA Inform Off

2T SWANN HARDING BS English Tech Ed

STATISTICS

2R GARCIA ORTEGA MS Assoc Econ in Chq

24A CRUZ MIRET BS Assoc Statis

2M ANTONI BS Res Asst

2Mrs C CHAO de BAEZ MS Res Asst

2Mrs E FONTANET CUEVEDO BS Res Asst

LIBRARY

2Miss J P HAYES MS Libr IV

Units For Administrative Services

9050 DEPARTMENT OF AGRICULTURAL SERVICES, TRANSPOR-

TATION AND STATION POLICE

M C GUEVARAMS Agron in Chq 2C RIVERA LOPEZ BS Agron

ENGINEERING AND CONSERVATION

2R A SEGARRA BSCE Engin in Chq 20 A HERRERA BS Asst Engin

FINANCE

J ORTIZ NEGRON BBA Finance Off

J RODRIGUEZ RIVERA BBA CPA Asst Finance Off

PERSONNET

Mrs N DIAZ de ACIN MA Admin Exec Asst in Cha Mrs M T MIRANDA BA Tech in Admin

PLANNING AND BUDGET

JZAPATA MS Planner

9060 Special Programs

ACCITLERATED SUGARCANE PROGRAM

2A RIOLLANO MS Coord and Agron 2F MENDEZ ROIG MS Tech Adv and Agron

24E BONETA MS Agron in Cha Variety Prog

ORNAMENTALS PROGRAM

2A MELENDEZ BS Flor

SELECT SEED PROGRAM

2G MOSCOSO MS Hort in Cha Select Seed Proa

2G J RIGAU BS Assoc Agron

Cooperative Projects

MAYAGUEZ CAMPUS

12H M LUGO MS Instr So:ls and Res Asst 12G MISKIMEN PhD Prof Ent and Dir Ent Pioneering Res Lab

9070

Cooperative	Projects-Continued
-------------	--------------------

SCHOOL OF MEDICINE

6C F ASENJO PnD Biochem

2MRS M E GONZALEZ de ANDINO BS Res Asst 2MRS F. R de HERNANDEZ BS Res Asst

U. S. DEPARTMENT OF AGRICULTURE

25J VICENTE CHANDLER MS Supvi

25F ABRUNA MS Soil Sci

25R CARO COSTAS BS - Asst Agron

25J FIGARELLA BS Chem

### Consultants and Technical Callaborators

2D J BALLANTYNE FoD

2B G CAPO PhD

2E MOLINARY SALES BS

2A RODRIGUEZ GEIGEL PLD

2J P RODRIGUEZ BS

2T SOTO BS

### RHODE ISLAND

Colleges of Agriculture and Home Economics, the Agricultural Experiment Station, and the Cooperative Extension Service in Agriculture and Home Economics of the University of Rhode Island, Kineston 02881

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence

9120

9130

9080

123% A MALW PhD Pres of Univ (401-792-2444)

121 " (O"LLE PhD Dean of Col of Agr Dir of Sta Dir of Coop Ext Serv (401-792-2474)

12E P CHRISTOPHER PhD Assoc Deep of Col Assoc Dir of Sta (401-792-2475)

1Mrs LIVERLY & CUSACK EdD Dean of Col of Home Econ (401-792-2244)

23 L REGO MS Assoc Dir of Coop Ext Serv Asst Dir of Sta (401-792-2476)

2Mrs ELIZABETH D RAITANO Admin Asst 123N M SAGE PhD Coord of Res (401-792-2635) 127 J.C.O'CONNELL MS Vice Pres for Eus Affairs

Agronomy and Mechanized Agriculture 913
12R C WAKEFIELD PhD Prof Agron and Chain of Dept

12R S BELL PhD Prof Soils 23D T DUFF PhD Asst Prof Turf 2J A JACSCHITZ MS Instr Turf

2F r LEDEBOEh MS hes Asst

12C G McKIEL MS Asst Prof Mech Acr 21 F AN LUINS New Acust

23J E SHEEHAN MS Asst Prof Crop Prod

12C R SKOGLEY PhD Assoc Prof Turf

23IRENE II STUCKEY PhD - Assoc Prof Plant Physiol

13P H WILSON MS Assoc Prof Mech Agr

2R L WYMAN Res Asst

Animal Pathology

9140

9150

12V J YATES PhD Prof Anim Path and Chan of Dept 12P W Ci AND PhD Prof Microbiol

1A i: DAHEIEHI PhD Adjunct Prof 2DOROTHY E FRY BA Res Asst

1C C LIU MD Adjunct Prof

23M C LOVELESS MS Asst Prof Microbiol 2LOUISE T MILLER MS Res Assoc Microbiol

2VENKATANARAYANA JASTY MS Res Asst

### **Animal Sciences**

3J W ATWOOD MS Assoc Ext Prof Dairy Husb 13C J COSGROVE MS Assoc Prof Dairy Technol

12W K DURFEE PhD Assoc Prof Poultry Physiol

12B W HENDERSON Jr MS Assoc Prof Anim Nutr

12R S HINKSON Jr PhD Asst Prof Anim Husb

123R I MILLAR MS - Asst Prof Poultry Husb

123L E OUSTERHOUT PhD Assoc Prof Poultry Nutr 2D L POYTON BS Res Asst

12A G RAND Jr PhD Asst Prof Dairy Chem

Animal Sciences-Continued

12L T SMITH PhD Assoc Prof Genet and Statis 2Mrs ELLANCHE M WOOD Res Asst

Chemistry (Agr)

123MILTON SALOMON PhD Prof Agr Chem and Chmn of Dept

12G T FELBECK PhD Assoc Prof Soils Chem

12R W GILBERT MS Asst Prof Feed and Fert

12C I: OLINEY PhD Prof Pesticides and Libids
12K L SIMPSON PhD Asst Prof Biochem

9170

91.60

123J N. RIPPEY MS - Agr Ed

123J F. AUSTIN Vis Aid Tech

Education (Agr)

9180

1D F SHONTZ LaD Assoc Prof Agr Educ

Extension Administration

91 90

3J W COBBLE PhD Dir

3J L REGO MS Assoc Dir and County Agt Ldr

3K L COOMES MA Assoc Prof and State Ldr 4-H Club Work

3VIOLET I: HIGGEE MA Prof and State Home Demonstration Ldr

Fi sheri es

9192

9195

9200

1J C SAINS: URY PhD - Assoc Prof and Chmn Dept

1J J KhAWIEC Spec Asst

1J A McCAULEY BS Asst Prof

1D F MEAD MA Instr

1T L MEADE PhD Assoc Prof

1G A MOTTE Asst Prof 1D L TECMSON Aset Prof

Food and Resource Economics

12NIELS RORHOLM PhD Prof Prod Econ and Chmn of Dept

3G E BOND MS Assoc Ext Prof Planning

13J D BHOMLEY MS Assoc Lxt Prof Consum Educ 2J F FARRELL MS Res Assoc

12D W FISCHER PhD Asst Prof Marine Resources

123C P GRATTO PhD - Assoc Prof Resource Econ

2Mrs LUCY W GRIFFITHS AB Junior Asst Statis

12ANDREAS HOLMSEN PhD Assoc Prof Fisheries Econ

12H C LAMPE BS Assoc Prof Econometrics

12V J NORTON PhD Prof Marine Econ 12A L OWENS MS Assoc Prof Mkta

12I A SPAULDING PhD Prof Sociol

13W H WALLACE MS Assoc Lxt Prof Mktg

Forestry

123W P GOULD PhD Assoc Prof and Chmn of Dept

12J H BROWN DF Asst Prof 12J J KUPA PhD Asst Prof

Home Economics 9210 11. rs I FVERLY DOWNING CUSACK EdD Dean of Col

1MARY JANE BACCHILS - Assoc Prof Food and Butr

1JEFFREY BLEMAN MS Instr Text and Cloth 1Mrs STEPHANIE BIBLECPARCZYK MS Instr Food and

Nutr Sci 1LINDA LOU LLOOD MS - Asst Prof Child Devlomt and

Fam Relat

2PHYLLIS T 15ROWN MS - Asst Prof Food and Nutr Sci. 12VIRGINIA V CARPENTER PhD Prof and Chmn Dept Text and Cloth

12SPIROS CONCTANTIMDES PhD Asst Prof Food and Nutr Sci

1ChRISTINE COX PhD Assoc Prof Child Devipmt and Fam Relat

12Mrs ELIZABETH W CRANDALL EdD Prof and Chinn Dept Home Mgt 1HENRY A DYMSZA PhD Assoc Prof and Chrin Dept

Food and Nutr Sci IGEORGE FITZELLE PhD Assoc Prof Child Devlpmt

1MARION LIFEY MA. Assoc Prof Home Mat.

and Fam Relat

### Home Economics-Continued

1Mrs MAGEL & COSEPIGIAN MS Asst Prof Food and Mutr Sci

2Mrs ETHYL R GRADY MS Assoc Prof Home Mgt 1Mrs MARY M JAMES MS Asst Prof Text and Cloth 1PHYLLIS JONES MA Instr Chila Devlomt and Fam helat

1RCSEMARY E KOHUT MS Asst Prof Child Develomt and Fam Relat

1SYLVIA LAPIN MS Asst Prof Child Devlomt and Fam helat

1Mrs LOUISE W. MacKELC'H MS - Asst Prof Fome Econ Educ

1Mrs LCRIS L MAY M.S. Assoc Prof Home Mut 12JALET L MILLEH M.S. Asst Prof Text and Cloth

1JUPITH M MOORE MA - Asist Prof Home Mat 1KARTY OCHROBLES MA - Instr Child Levlomt and Fam Belat 1Mrs l'OLLIE START MA L'Assoc Prof Child Devlomt

and Fam Kelat 1H C SMART PhD Prof and Chain Dept Child Devloat

and Fam Relat Mrs . FITTE STANISLAC MS - Asst Prof Food and Nutr

12RUTE F. TUCKER PhD Prof Food and Late Sci. 1Mrs LUCILL S VOTTA ES Asst Prof Child Devlomt

and Fan. Relat 12DARBARA WALKER MS Asst Prof Text and Cloth 1Mrs PATRICIA C WEEDER MS | Asst Prof Text and Cloth

9220 Horticulture

123J T KITCHIN PhD Prof Hort and Chmn of Dept 1J W CADDICK MS Assoc Prof Lundsc Design and Omigun

12A E GRIFFITHS PhD Assoc Prof Veg Crops and Plant Brdg

234R J HINDLE PhD Assoc Prof Ornam and Ext Home Hort

12W E LARMIE MS Assoc Prof Flor

123J J McGUIRE PhD Asst Prof Ornam
3J L PEARSON MS Pesticide Coord and Ext Ornam 12V G SHUTAK PhD Prof PomoI

Plant Pathology-Entomology

12F L. HOWARL PhD Frot and Climn of Dept 2C H BECKMAN PhD Assoc Prof Phytopath 2JANICE E BLAKE DA Res Asst 23GORDON FIELD PhD Asst Prof Ent 21. rs MANICL LANKISOt: Res Asst 2NOEL JACKSON PhD Asst Prof Phytopath

123T W KERR PhD Prof Ent 12W C MUELLER PhD Assoc Prof Virol 2R W PERO MS Res Asst Phytopath 123G J STESSEL PhD Assoc Prof Nematol 1C M TARZWELL PhD Adjunct Prof USDI

Miscellaneous

1F P ALLEN MA Libr

9260

9240

2G H GARDNER Met 3SYBIL D KAPLAN MPH Asst Prof Agr Ext 3EVELYN M LYMAN EdM Asst Ext Prof Home Mgt 3Mrs LVELYN V MASON MS Spec Text and Cloth 3MIRIAM R NICHOLS EdM Asst Prof Nutr

### SOUTH CAROLINA

Clemson University, College of Agriculture and Biological Sciences, The Agricultural Experiment Station. and The Agricultural Extension Service, Clemson 29631

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

9270

1R C EDWARDS BS LLD Pres of Univ 123W H WILEY PhD Dean of Col of Agrand Biol Sci (803-054-2421 Ext 320)

20 B GARRISON PhD Dir of Agr Expt Sta (803-654-2421) Ext 270)

1.J W JONES PhD Dir of Res Instr (803-654-2421 Ext 261)

5C E BOYD DVM Dir of Livestock-Poultry Health Dept (PO Box 1771 Columbia)

3G B NUTT MS Dir of Ext Serv (803-654-2421 Ext 322)

3,J B COPELAND PhD Assoc Dir Ext Serv 3W T O'DELL PhD Assoc Dir Ext Serv

3RUBY CRAVEN PhD State Ext Home Econ Ldr 2B D CLOANINGER MS Dir of Dept Fert Insp and Anal

21 F. HALPIN PhD Assoc Dir of Agr Expt Sta

12N P BYRD PhD Prof Expt Sta

2G L HARDY BS Agr Engin

12P & GALLI, Jr MS Admin Asst Aar Expt Sta and Res Instr

3G H BONNETTE BS Admin Asst Ext Serv

123M A WILSON BS Vice Pres for Bus and Finance

3B L CUNNINGHAM MS Asst to Dir

12% F JOHNSTON AS Asst Prof Expt Sta 12C B LOADHOLT MS Asst Prof Expt Sta

2L. E. WARLICK BS Statis Res Asst

Agronomy and Soils

9280

123U S JONES PhD Head of Dept and Prof 3L R ALLEN PhD Assoc Ext Spec Agron

3L P ANDERSON MS Prin Ext Spec Agron 3D A BENTON BS Assoc Ext Spec Agron

12G R CRADDOCK PhD Prof

12E B ESKEW MS Assoc Prof 5P B GIBSON PhD Res Agron

12B J GOSSETT PhD Assoc Prof

12W D GRAHAM PhD Asst Proi

123L r. HARVEY MS Asst Prof and Assoc Ext Spec Agron 1C M JONES PhD Prof

12M W JUTRAS PhD Asst Prof 12K S LAFLEUR PhD Assoc Prof

12J D MAXWELL PhD Asst Prof

2E F McCLAIN MS Asst Prof

12J H McDONALD MS Res Asst 26: C MORTON HS Agron Asst 3C N NOLAN PhD Ext Spec Agron

12T C PEELE PhD Prof

12J R WOODRUFF PhD Asst Prof 3H V ROGERS MS Ext Spec and Coord

Animal Science

9290

123R F WHEELER PhD Head of Dept and Prof 3C W ACKERMAN MS Assoc Ext Spec Anim Sci 3L F CATO MS Assoc Ext Spec Anim Sci

12R L FDWARDS PhD Assoc Prof

12W C GODLEY PhD Prof

12D L HANDLIN MS Asst Prof

12J R HILL Jr PhD Assoc Prof

12D R LAMOND PhD DVM Visiting Prof

12R R RITCHIE MS Prof

12G C SKELLEY Jr PhD Assoc Prof

3J N WILLIAMS PhD Ext Spec Anim Sci Prin Spec

3J F WISE MS Assoc Ext Spec Anim Sci

9300 **Botany and Bacteriology** 

123W M. EPPS PhD Head of Dept and Prof State Plant Path

1R P ASHWORTH PhD Prof

12Mrs ANN W BAXTER PhD Asst Prof

12L W BAXTER Jr PhD Assoc Prof

15E G LIENHART PhD Plant Physiol and Lect

1J H BOND MS Assoc Prof

12N D CAMPER PhD Asst Prof

145W M DOWLER PhD Plant Path and Lect

123J C FAIREY MS Asst Prof

2Mrs BARBARA ILLMAN MA Bot Asst

3R K JONES MS Asst Ext Spec Plant Path

12G C KINGSLAND PhD Assoc Prof

1A C MATHEWS PhD Prof

12M J B PAYNTER PhD Asst Prof

1R W RUTLEDGE PhD Prof

3F H SMITH MS Assoc Ext Spec Plant Path

1J B WHITNEY Jr PhD Prof

Botany and Bacteriology-Continued 12W WITCHER PhD Assoc Prof	Economics (Agr) and Sociology (Rural)—Continued 25C H WHITWORTH BS Agr Statis (PO Box 4457
Chemical Services (Agr) 9310	Columbia) 3P S WILLIAMON MS Assoc Ext Spec Agr Econ
12N R PAGE PhD Head of Dept and Prof 1DOROTHY BROCK BS Asst Chem	Education (Agr) 9350
2J T GILLINGHAM PhD Asst Chem	1L H DAVIS PhD Head of Dept and Prof
1E E LESLIE BS Assoc Chem	IW C BOWEN MS Assoc Prof
2W R McCASKILL MS Asst Ent	1E T CARPENTER EdD Assoc Prof
IMARY L McCRACKEN BS Asst Chem	1J A HASH MS Asst Prof
	1F E KIRKLEY MS Assoc Prof
Communications (Agr) 9320	
234R C HUBBARD Jr MS Head of Dept and Ext Spec 3W H CAMPBELL is A Ext Asst Agr Commun	Engineering (Agr) 9360
3W B EARLE Jr Ext Artist	123A W SNELL PhD Head of Dept and Prof
3L C HAMILTON MS T.xt Inform Spec and Acta Ed and	5J B COCKE BS Agr Engin SE Cotton Gin Res Lab
Head	USDA
23J E KINGMAN BA Asst Radio TV Ed and Asst Ext Spec	1J T CRAIG MS Asst Prof
3J R MATTISON BS Asst Ext Spec Agric Commun	2D G DICKSON MS Res Asst 12T H GARNER PhD Assoc Prof
23ANN LEE McPHAIL ES Asst Radio TV Ed and Asst Ext Spec	5W E GARNER MS Agr Engin in Chg SE Cotton Gin Res
23L W RILEY Visiting Instr Ed and Asst Ext Spec	Lab USDA
3J H ROGERS BA Asst Ext Spec Agr Commun	23WPGLADDEN MS Asst Ext Spec and Asst Agr Engin
23DORIS A TIMMERMAN MS Asst Home Econ Ed and	3F H HEDDEN MS Assoc Ext Spec Agr Engin
Assoc Ext Spec	12C E HOOD PhD Assoc Prof
	2W H JENKINS BS Agr Engin Asst 12J R LAMBERT PhD Assoc Prof
Dairy Science 9330	12J T LIGON PhD Assoc Prof
123W A KING PhD Head of Dept and Prof 2G W BRANDT PhD Assoc Prof	3H P LYNN BS Assoc Ext Spec Agr Engin
12C C BRANNON BS Assoc Prof	3M C McKENZIE BS Ext Spec Agr Engin Prin Spec
12W V CHALUPA PhD Assoc Prof	34C V PRIVETTE BS Ext Asst Agr Engin
2J H CLARK PhD Post Doctoral Res Assoc	12E B ROGERS Jr MS Assoc Prof 12B K WEBB PhD Assoc Prof
3W C COOK MS Ext Asst Dairy Sci	5J M WILLIAMS MS Agr Engin SE Cotton Gin Res Lab
12J F DICKEY PhD Asst Prof	USDA USDA
12J J JANZEN PhD Prof	12T V WILSON MS Prof
2J W KELLY MS Asst Prof	
12J T LAZAR Jr PhD Prof 3C H LOMAS MA Assoc Ext Spec Dairy Sci	Entomology —See Zoology and Entomology
2S L MOORE DVM Vet Area Supvr	Extension Service 9370
	Extension Service 7370
3W L NORTHERN MS Assoc Ext Spec Dairy Sci Prin Spec	
2G D O'DELL MS Asst Prof	ADMINISTRATION
2G D O'DELL MS Asst Prof 3F F. PARDUE MS Asst Ext Spec Duiry Sci	3CURTYS BALLENTINE MS Assoc Dist Agt
2G D O'DELL MS Asst Prof	3CURTYS BALLENTINE MS Assoc Dist Agt 3Mrs BETTY P WATKINS MS Assoc Dist Agt
2G D O'DELL MS Asst Prof 3F F. PARDUE MS Asst Ext Spec Duiry Sci	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt
2G D O'DELL MS Asst Prof 3F F PARPUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt
2G D O'DELL MS Asst Prof 3F F. PARDUE MS Asst Ext Spec Duiry Sci	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt
2G D O'DELL MS	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4-H CLUB
2G D O'DELL MS	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec
2G D O'DELL MS Asst Prof 3F F PARPUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  12W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Agr Econ	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural) 123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F F PARPUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept and Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F E PARPUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Art Econ 5C P BUTLER MS Ast Econ 5C P BUTLER MS Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Art Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Art Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Spec and Assoc Ext	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural) 9340  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Agr Econ 5C P BUTLER MS Agr Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Agr Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Agr Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 2D C HUTCHINS 3S Mkta Inform Sched and Assoc Ext Spec (PO Box 9504 Columbia)	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural) 9340  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLIAM PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Spec and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Re-	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 63 I Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Art Econ 5C P BUTLER MS Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Art Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM JEMS Art Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS BS Mkta Inform Stoc and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural) 9340 123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 2D C HUTCHINS BS Mkta Inform Serie and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Devibrit Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 63 I Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Art Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS BS Mkta Inform Senc and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviant Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V MCELVEEN MS Act Econ	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 3H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Stree and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Act Econ 2J F MILES PhD Assoc Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Acr Econ 5C P BUTLER MS Acr Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Acr Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Acr Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 2D C HUTCHINS BS Mkta Inform Sched and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviant Prin Soec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V MCELVEEN MS Acr Econ 2J F MILES PhD Assoc Prof 5J V MCELVEEN MS Acr Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Assoc Ext Spec Acr Econ	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 3JULIA B TAYLOR MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 3H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Stree and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Act Econ 2J F MILES PhD Assoc Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec  Farms 2J S EVANS BS Head of Dept and Aqr Engin  Food Science and Biochemistry 9390
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Ext Spec and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V MCELVEEN MS Act Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Act Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Act Econ 3M C POCHESTER PhD Ext Spec Act Econ Prin Spec	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER BS Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 3JULIA B TAYLOR MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3D LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Asst Art Econ 5C P BUTLER MS Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Art Econ 12B L DILLMAN PhD Asst Prof 12D C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS BS Mkta Inform Sept and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviamt Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Art Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Art Econ 3J F PITTMAN MS Late Ext Mkta 5B H ROBINSON BS Art Econ 3M C ROCHESTER PhD Ext Spec Art Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 4D CLUB 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3JULIA B TAYLOR MS Ext Spec  Fams 9380 2J S EVANS BS Head of Dept and Agr Engin  Food Science and Biochemistry 9390 12W P WILLIAMS PhD Head of Dept and Assoc Prof
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 12D C HUTCHINS 3S Mkta Inform Spec and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Devlont Prin Spec 12J S LYTLE PhD Assoc Prof 2L D MALPHRUS PhD Assoc Prof 5J V MCEL VEEN MS Act Econ 2J F MILES PhD Assoc Prof 3T D NOLEM MS Asst Ext Spec Act Econ 3J F PITTMAN MS Ldt Ext Mkta 5B H ROBINSON BS Act Econ 3M C ROCHESTER PhD Ext Spec Act Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia)	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3W SE JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3FLANCES H ODOM MA Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Stree and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Act Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Act Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Act Econ 3M C ROCHESTER PhD Ext Spec Act Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia) 12H C SPURLOCK PhD Assoc Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3J M LEWIS BS Dist Aqt 3L B MASSEY BS Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3TO SPEC BY SPEC BY SPEC 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MA Ext Spec 3ULLA M SMITH MS Ext Spec 3ULLA M SMITH MS Ext Spec 3ULLA B TAYLOR MS Ext Spec 4930  Fomms 9380 2J S EVANS BS Head of Dept and Agr Engin Food Science and Biochemistry 12W P WILLIAMS PhD Head of Dept and Assoc Prof 12L CROOK PhD Asst Prof 12L CROOK PhD Asst Prof 12L H MITCHELL PhD Prof
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Act Econ 5C P BUTLER MS Act Econ 5C P BUTLER MS Act Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Act Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Act Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 12D C HUTCHINS 3S Mkta Inform Spec and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Devlont Prin Spec 12J S LYTLE PhD Assoc Prof 2L D MALPHRUS PhD Assoc Prof 5J V MCEL VEEN MS Act Econ 2J F MILES PhD Assoc Prof 3T D NOLEM MS Asst Ext Spec Act Econ 3J F PITTMAN MS Ldt Ext Mkta 5B H ROBINSON BS Act Econ 3M C ROCHESTER PhD Ext Spec Act Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia)	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  123W J LANHAM PhD Head of Dept at d Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Art Econ 5C P BUTLER MS Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Art Econ 12B L DILLMAN PhD Asst Prof 3H C GILLIAM Jr MS Art Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Prof 12J W HUBBARD PhD Assoc Ext Spec and Assoc Ext Spec (PO Box 9504 Columbia) 30 W LLOYD MS Assoc Ext Spec Community and Resource Devibunt Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Art Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Art Econ 3J F PITTMAN MS Ldr Ext Mkta 5B H ROBINSON BS Art Econ 3M C ROCHESTER PhD Ext Spec Art Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia) 12H C SPURLOCK PhD Assoc Prof 3R D STEER BS Assoc Ext Spec Mkta (PO Box 3964 Columbia) 12J M STEPP PhD Prof	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3J M LEWIS BS Dist Aqt 3L B MASSEY BS Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3TO SPEC BY SPEC BY SPEC 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work 3DYCE RICHARDSON MS Asst Exp Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3FRANCES H ODOM MA Ext Spec 3ULLA M SMITH MS Ext Spec 3ULLA M SMITH MS Ext Spec 3ULLA B TAYLOR MS Ext Spec 4930  Fomms 9380 2J S EVANS BS Head of Dept and Agr Engin Food Science and Biochemistry 12W P WILLIAMS PhD Head of Dept and Assoc Prof 12L CROOK PhD Asst Prof 12L CROOK PhD Asst Prof 12L H MITCHELL PhD Prof
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Asst Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Aat Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Aat Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Sche and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Aat Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Aat Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Aat Econ 3M C ROCHESTER PhD Ext Spec Aat Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia) 12H C SPURLOCK PhD Assoc Ext Spec Mkta (PO Box 3960 Greenwood) 12J M STEPP PhD Prof 3M H SUTHERLAND MS Assoc Ext Spec Community	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3J M LEWIS BS Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 12I S EVANS BS Head of Dept and Agr Engin  Food Science and Biochemistry 12W P WILLIAMS PhD Head of Dept and Assoc Prof 12R F BORGMAN PhD Assoc Prof 12D M HENRICKS PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12L E VEREEN PhD Asst Prof
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Asst Prof 2T A BURCH MS Asst Con 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Aar Econ 12B L DILLMAN PhD Asst Prof 2D E CRAWFORD MS Assoc Prof 21J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS BS Mkta Inform Seric and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Devlomt Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Community and Resource Devlomt Seric Aar Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Aar Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Aar Econ 3M C ROCHESTER PhD Ext Spec Aar Econ Prin Spec 3E W SIEDSCHLAG BS Assoc Ext Spec Mkta (PO Box 9504 Columbia)  12H C SPURLOCK PhD Assoc Prof 3R D STEER BS Assoc Ext Spec Mkta (PO Box 396 Greenwood)  12J M STEPP PhD D Prof 3M H SUTHERLAND MS Assoc Ext Spec Community and Resource Devlomt	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS ES Dist Aqt 3Mrs SARAH S KNOX BS Assoc Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3WEYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3VELA M SMITH MS Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 4930 Food Science and Biochemistry 12W P WILLIAMS PhD Head of Dept and Assoc Prof 12L CROOK PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12A L SHEWFELT PhD Prof 12A L SHEWFELT PhD Prof 12A L SHEWFELT PhD Prof 12L E VEREEN PhD Asst Prof
2G D O'DELL MS Asst Prof 3F F PARDUE MS Asst Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci 3C B REEVES MS Assoc Ext Spec Duiry Sci  Economics (Agr) and Sociology (Rural)  123W J LANHAM PhD Head of Dept ard Prof 1L M BAUKNIGHT MS Assoc Prof 12V A BOYD MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Assoc Prof 2T A BURCH MS Asst Art Econ 12A B CARROLL PhD Asst Prof 2D E CRAWFORD MS Assoc Aat Econ 12B L DILLMAN PhD Asst Prof 5H C GILLIAM Jr MS Aat Econ 12J C HITE PhD Asst Prof 12J W HUBBARD PhD Assoc Prof 23D C HUTCHINS 3S Mkta Inform Sche and Assoc Ext Spec (PO Box 9504 Columbia) 3O W LLOYD MS Assoc Ext Spec Community and Resource Deviount Prin Spec 12J S LYTLE PhD Asst Prof 2L D MALPHRUS PhD Assoc Prof 5J V McELVEEN MS Aat Econ 2J F MILES PhD Assoc Prof 3T D NOLEN MS Asst Ext Spec Aat Econ 3J F PITTMAN MS Laft Ext Mkta 5B H ROBINSON BS Aat Econ 3M C ROCHESTER PhD Ext Spec Aat Econ Prin Spec 3E W SIEDSCHLAG BS Asst Ext Spec Mkta (PO Box 9504 Columbia) 12H C SPURLOCK PhD Assoc Ext Spec Mkta (PO Box 3960 Greenwood) 12J M STEPP PhD Prof 3M H SUTHERLAND MS Assoc Ext Spec Community	3CURTYS BALLENTINE MS Assoc Dist Aqt 3Mrs BETTY P WATKINS MS Assoc Dist Aqt 3J M LEWIS BS Dist Aqt 3J M LEWIS BS Dist Aqt 3L B MASSEY BS Dist Aqt 3D A SHELLEY BS Dist Aqt 4—H CLUB 3J B WILLIAMS BS Ext Spec 4-H Club Work Prin Spec 3G H BAKER ES Assoc Ext Spec 4-H Club Work 3WAYMAN JOHNSON MS Assoc Ext Spec 4-H Club Work 3E JOYCE RICHARDSON MS Assoc Ext Spec 4-H Club Work 3Mrs GEORGIA T ROBERSON ME Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work 3J T ROGERS BS Assoc Ext Spec 4-H Club Work (PO Box 631 Florence) HOME ECONOMICS 3Mrs MARIE S HIDMAN MS Ext Spec 3FRANCES H ODOM MA Ext Spec 3VELA M SMITH MS Ext Spec 3JULIA B TAYLOR MS Ext Spec 12I S EVANS BS Head of Dept and Agr Engin  Food Science and Biochemistry 12W P WILLIAMS PhD Head of Dept and Assoc Prof 12R F BORGMAN PhD Assoc Prof 12D M HENRICKS PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12D M HENRICKS PhD Asst Prof 12L E VEREEN PhD Asst Prof

#### SOUTH CAROLINA Forestry-Continued Zoology and Entomology-Continued 12B M COOL PhD Prof 12L E PRIESTER Jr PhD Asst Prof 2N B GOEBEL MF Assoc For 12J K REED PhD Prof 3C W HALL BS Assoc Ext Spec For (PO Box 287 2L H SENN Jr MS Asst State Ent 3L M SPARKS MS Assoc Ext Spec Ent Columbia) 12C L LANE PhD Asst Prof 3S A MARBUT BS Assoc Ext Spec For 3C A THOMAS Jr PhD Assoc Ext Spec Ent 12A S TOUMBES PhD Assoc Excepte Line 12A S TOUMBES PhD Assoc Prof 1R E WARE BS Assoc Prof 15L G WEBB PhD Ldr Wildlife Mat Res and Assoc Prof 12W K WILLARD PhD Asst Prof 12W H D McGREGOR PhD Assoc Prof 2L D REAMER MS Asst in For 12R E SCHOENIKE PhD Assoc Prof 12W A SHAIN PhD Assoc Prof 2A T SHEARIN BS Asst in For 12J R WARNER DF Prof Miscellaneous 9470 LIW G GOUBLAY AMLS Dir of Libr 12T E WOOTEN PhD Asst Prof 9480 Edisto Expt Sta (PO Box C 247 Blackville) Home Economics Research (In Coop With Winthrop 2D F COHOON PhD Supt and Prof Bot and Bact College, Rock Hill, S. C.) 2W A BALK BS Assoc Agr Engin 9.410 12RUTH L HOVERMALE PhD Dean Sch of Home Econ 2C W BLACKMON PhD Asst Prof Bot and Bact 2M G HAMILTON PhD Assoc Prof Hort and Prof of Home Econ 12Mrs KATHRYN S POWELL PhD Prof of Home Econ 2M B HUGHES PhD Prof Hort 12HELEN A LOFTIS DEd Assoc Prof of Home Econ 2H L MUSEN PhD Assoc Prof Agron 2R F SUMAN MS Assoc Prof Agron Horticul ture 9430 2S G TURNIPSEED PhD Assoc Prof Ent 123T L. SELIN Ph.D. Head of Dept and Prof 2S G WOODS BS Asst Anim Sci 12P M ALEXANLER PhD Assoc Prof Pee Dee Expt Sta (PO Box 271 Florence) 3R A BAUMGARDNER PhD Assoc Ext Spec Hort 2J B PITNER PhD Supt and Prof Agron 2J H CRAWFORD MS Asst Hort 5H R AGEE MS Ent 3D O EZELL PhD Asst Ext Spec Hort 3R J FERREE MS Ext Spec Hort Prin Spec 5NORMAN ALLEN MS Collab 2J G ALPHIN PhD Assoc Prof Agr Engin 5D A ASHLEY PhD Res Soil Sci 12J P FULMER MS Asst Prof 12J R HAUN PhD Assoc Prof 3E V JCNES MS Asst Ext Specilion 50 W BEALE MS Res Soil Sci 5ROBERT CAMPBELL MS Res Soil Sci 12W S JORDAN PhD Asst Frof 2R E CURRIN MS - Asst Prof Agron 2J A MARTIN BS Assoc Prof 12W L OGLE PhD Prof 2T L DEWITT ES Asst Agr Engin 5C W DOTY MS Agr Engin 2J A DURANT PhD Asst Prof Ent and ZooI 12H J SEFICK MS Assoc Prof 5Z T FORD BS Asst Agron 12E T SIMS PhD Assec Prof 5T W GRAHAM PhD Path 12B J SKELTON PhD Asst Prof 25D C HARRELL BS Assoc Agron 12G E STEMBRIDGE PhP Assoc Prof 5A R HOPKINS MS Ent 1F W THODE MS Assoc Prof 5W S KINARD BS Res Ent 12L O VAN BLARICOM MS ChE Prof 5F L LOI G Res Soil Sci 2ALFRED MANWILLER PhD Assoc Prof Agron **Poultry Science** 9440 5R F MOORE PhD Ent 5S E ROACH PhD Res Ent 123B D BARNETT PhD Head of Dept and Prof 2B W BIERER DVM Prof and Lab Dir (PO Box 1771 5DONALD RUSSELL PhD Res Soil Sci Columbia) 5H M TAFT PhD Ent 12M A BOONE PhD Prof 5J C WEBB MS Res Agr Engin 123 B COOPER MS - Assoc Prof -di-070-LAS PAMM PLD - Assoc Ext Spec Poultry Sci 2D C WEEKS MS Asst Ent Sandhill Expt Sta (PO Box 1771 Columbia) Prin Spec 2W H RHODES BS Supt 3C F RISHER BS Assoc Spec Poultry Sci 2C E GAMBRELL Jr MS Asst Hort (PO Box 378 York) Truck Expt Sta (PO Box 3158 St Andrews Br Charleston) 12JUAN SOLIS Phil) Asst Prof 3T C STEWART BS Assoc Spec Poultry Sci 2W C BARNES PhD Supt and Prof Hort 5J V BILL MS Res Bot 3W P CCOK MS Asst Ext Spec Hort 5C S CREIGHTON BS Res Ent 12D E TURK PED Assoc Prof3W S WALKER ME Assoc Spec Poultry Sci (PO Box 1771 Columbia)

9450

Seed Certification

2R H GARRISON BS Head of Dept and Assoc Plant Brdr 2J O BLACK MS Asst Agron 2R A JAMESON MS Asst Agron

Zoology and Entomology 9460

123J H COCHRAN PhD Head of Dept and Prof State Ent 12T R ADKINS PhD Prof.

12G W ANDERSON DVM MS Assoc Prof

1J M BARRIER MS Instr

12G W FOLKERTS EnD Asst Prof

12D J FORRESTER PhD Asst Prof

2R C FOX PhD Prof

1Mrs RUTH L HAYS PhD Asst Prof

2S B HAYS PnD Assoc Prof

2F J HOWARD Jr MS Res Asst 3H B JACKSON MS Asst Ent

12E W KING PhD Prof

3J B KISSAM PhD Assoc Ext Spec Ent

2V H McCASKILL MS Asst Ent

12R F NASH MS Instr

3W C NETTLES MS Ext Spec Ent Prin Spec

South Carolina State College, Orangeburg 29115

5F P CUTHBERT Jr BS Res Ent Actg in Chg

2W R SITTERLY PhD Prof Bot and Bact

1College Staff 3Extension Staff 4Leave of Absence

9490

1M M NANCE Jr MS LLD Actg Pres 1A S DELCHER PhD Vice Pres for Academic Affairs

and Dean of the Faculty

1L F ANDERSON EdD Dir of Inst Res (803-534-6560

5AUGUSTINE DAY MS Ent

5F E GILES FhD Res Ent

Ext 2491 1L C DeCOSTA PhD Deam of Sch of Agrand Home

Econ (803-534-6560 Ext 266)

IM M NANCE Jr MS LLD Vice Pres for Bus and Finance

1Mrs ANNABELLE'S SHERMAN PhD Assoc Dean of

Sch of Agr and Home Econ 4AMELIA E ADAMS MS Asst Prof Cloth and Tex 9500

9510

1J.E EPPS MS Assoc Prof Anim Husb IWILHELMINA FUNCEESS MS Assoc Prof Home Econ 1Mrs MATTIE P JACKSON MS Head Itinerant Teacher Educ Home Econ Educ 1OSCAROLA J MANIGAULT MS Asst Prof Child Care and Devlomt 1K M MATHUR DVS Prof Dairy Sci 1ELOISE L MORRIS MS Asst Itinerant Teacher Educ Home Econ Educ 1B F MURVIN MS Teacher Educ Agr Educ 1ETHEL H SMITH MS Assoc Prof Cloth and Tex 1W J WARREN MS Assoc Prof Hort 1Mrs SARA A WAYMER MS Asst Prof Foods and Nutr 3BARBARA J WILLIAMS MSLS Hecd Libr 10PHELIA C WILLIAMS MS Assoc Prof Home Econ

1GABE BUCKMAN EdD Prof Agr Engin

IL G CHAVOUS MS Asst Prof Poultry Sci

### SOUTH DAKOTA

The College of Agriculture and Biological Sciences. College of Home Economics, Agricultural Experiment Station, and Cooperative Extension Service of South Dakota State University, Brookings 57006

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop USDI

1H M BRIGGS PhD Pres of Univ 12D C ACKER PhD Dean of Col of Agr and Biol Sci and Dir of Agr Expt Sta (605-692-6111 Ext 244)

2A L MUSSON PhD Assoc Dir of Expt Sta (605-692-6111 Ext 244) 1B L BRAGE PhD Assoc Dean and Dir of Resident

Instr (605-692-6111 Ext 245) 3J T STONE DPA Dean of Ext Serv (605-692-6111 Ext 251)

2R M HOWARD MS Dir Inst of Biol Sci 1D A EDDY MS Asst Dir of Resident Instr 123W A BUGG MS Dir of Finance 1P L KOEPSELL PhD Dir of Res

12W L TUCKER PhD Sta Statis

Agronomy 12L O FINE PhD Prof and Head of Dept 3E P ADAMS MS Ext Agron Soils 12R S ALBRECHTSEN PhD Assoc Prof Grain Crops

2J J BONNEMANN MS Asst Agron Crops

1B L BRAGE PhD Prof Soil Fert and Chem 12P L CARSON MS Assoc Prof Soil Fert

3R A CLINE BS Ext Agron Crops

12J D COLBURN MS Assoc Prof Seed Certif 3L A DERSCHEID PhD Prof and Ext Agron Weeds

21 G DOSLAND MS Instr Weed Physiol 5D C DYBING PhD Assoc Prof (USDA) Flax Physiol

2G W ERION MS Asst Prof Seed Stocks 12P D EVENSON MS Asst Prof Irrig and Soils

2H A GEISE MS Instr Crop Mgt
5E D GERLOFF PhD Instr (USDA) Genet
12D R HOVLAND PhD Assoc Prof Soil Chem

12M L HORTON PhD Assoc Prof Soil Phys 2D G KENEFICK PhD Assoc Prof Crop Physiol 12R C KINCH MS Prof Seed Technol

2Q'S KINGSLEY MS Asst Prof Crop and Soil Mgt 2C L LAY BS Asst Wheat Brdq

2A O LUNDEN PhD Assoc Prof Crop Brdg 12R A MOORE PhD Prof Forage Crops

5T C OLSON MS Assoc Prof (USDA) Soil Phys 3ROBERT PARKER MS Ext Agron Weeds

5P B PRICE PhD Assoc Prof (USDA) Barley Brdg 12J G ROSS PhD Prof Grass Brdq and Cytol

12M D RUMBAUGH PhD Assoc Prof Alfalfa Brdg 3E E SANDERSON BS Ext Agron Crops

12D B SHANK PhD Prof Corn Brdg 12F E SHUBECKPhD Prof Soil Mgt 12J F STRITZKE MS Asst Prof Weeds

Agronomy-Continued 2C E STYMIEST BS Asst Weed Res 5J R THYSELL MS Asst Prof (USDA) Genet 12R C WARD MS Instr Soil Chem and Testing 2J B WEBER BS Instr Fdn Seed Stocks 12D G WELLS PhD Prof Wheat Brdg 12F C WESTIN PhD Prof Pedo 12E M WHITE PhD Prof Pedo 3E J WILLIAMSON MS Ext Agron Soils Animal Science

12C J LEWIS PhD Prof and Head of Dept 3B J BONZER MS Ext Poultryman 12L F BUSH PhD Assoc Prof Sheep

12C W CARLSON PhD Prof Nutr and Ldr Poultry Res

and Ext Sect 12W J COSTELLO PhD Asst Prof Meats
3F W CRANDALL BS Ext Livestock Spec 9520

9530

9540

9560

 12C A DINKEL PhD
 Prof Anim Brdg

 12L B EMBRY PhD
 Prof Anim Nutr

 2C R GRABER BS
 Asst Anim Nutr

2EDMUND GUENTHNER MS Instr Physiol 2M R HAFERKAMP BS Asst Range

12C E HOLMQUIST BS Asst Poultry
12L D KAMSTRA PhD Prof Anim Nutr

12W J KOESTER ES Asst Sheep 12P H KOHLER PhD Prof Livestock

12WILLIAM KOHLMEYER MS Prof Poultry Mktg and E∞n 3L J KORTAN MS Ext Livestock Spec

12J K LEWIS MS Assoc Prof Range 12R M LUTHER PhD Assoc Prof Anim Nutr 12J W McCARTY MS Assoc Prof Swine Brdg

12W C McCONE MS Assoc Prof Beef Cattle 3J A MINYARD MS Ext Livestock Spec

12D G MORDHORST ES - Asst Swine 124% C MORGAN PhD - Prof Genet 124W C MONGAM PRO 3J J O'CONNELL BS Ext Livestock Spec

23 J O CONNELL BS LAX INVESTIGATION OF THE PAPEKER MS Asst Ann. Bridg.

123 F P PLUMART MS Asst Prof Anim Physiol.

21 L SOTHET BS Asst Prof Anim Physiol.

21 L SOTHET BS Asst Deef Cottle.

128 C WARLSTROM PhD Prof Swine.

12F W WHETZAL MS Asst Prof Beef Cattle

Bacteriology 1J L GADBERRY Jr MS Instr 12P R MIDDAUGH PnD Prof. 12G C PARIKH PhD Asence Prof. 12R M PENGRA PhD Prof. 1JEAN V WAINSCOTT MA Instr

2Mrs YVONNE A GREICHUS PhD Asst Prof

2A W HALVERSON PhD Prof 2H R KING BS Asst

2I S PALMER PhD Assoc Prof 12E I WHITEHEAD MS Prof

9550 Botany-Biology

1G A MYERS PhD Prof and Head of Dept 12D J HOLDEN PhD Prof 1H L HUTCHESON PhD Asst Prof 1J H MARTIN MS Asst Prof 1C R McMULLEN BS Asst

1K D MORRILL MA Asst Prof 1E S OLSON MS Asst Prof 1C A TAYLOR MS Prof

1R H WHALEN PhD Asst Prof

Dairy Science 12J O YOUNG PhD Prof and Head of Dept 12R J BAKER PhD Prof Dairy Bact

12EMERY BARTLE MS Assoc Prof Dairy Husb 3E J KLEEN BS Asst Ext Dairyman 3E U KURTZ BS Ext Dairyman

12M J OWENS MS Asst Dairy Sci 12J G PARSONS PhD Asst Prof Dairy Chem

9560-9640

### SOUTH DAKOTA

Dairy Science—Continued	Engineering (Agr)—Continued
12S W SEAS MS Asst Prof Dairy Mfg	12HENRY WAELTI PhD Assoc Prof Power and Mach
12K R SPURGEON PhD Assoc Prof Dairy Mfg	12P M WHEELDON BS Draftsman
2P E STAKE LS Asst Dairy Sci	12J L WIERSMA MS Prof Soil and Water Dir Water
12H H VOELKER PhD Prof Nutr	Resources Inst
Economics 9570	12H G YOUNG MS Asst Prof Farm Structures
123J E THOMPSON PhD Prof and Head of Dept	
3W G AANDERUD PhD Ext Econ Form Mgt	Entomology-Zoology 9610 12R J WALSTROM PhD Prof and Head of Dept Econ Ent
12h R ALLEN PhD Asst Prof	12E U EALSBAUGH PhD Asst Prof Livestock Ins
3A W ANDERSON MS Ext Econ Farm Mgt	3W L BERNDT PhD Ext Ent
3R J ANTONIDES MS Ext Econ Mktq	5T E BRANSON MS Instr (USDA) Biol Control
12R L BECK PhD Assoc Prof	5C O CALKINS MS Instr (USDA) Soil Ins
al R BENNING MS Ext Econ Mktq	12ALGIRDAS GREICHUS PhD Assoc Prof Parasitol
2P. L. BERRY PhC Assoc Prof 1TRISTRAM CUMMINS PhD Prof	Physiol
1R O FELBERG MS Assoc Prof	5R D GUSTIN MS Instr (USDA) Ins Rearing Tech
12H A GILBERT PhD Asst Prof	5E WHAMILTON PhD Assoc Prof (USDA) Ins Toxicol 1NELLE A HARTWIG MS Prof Anat
12LOYD GLOVER PhD Prof	12E J HUGGHINS PhD Prof Parasitol
1HARRY CREENLAUM PhD Assoc Prof	2P A JCNES PhD Asst Prof Corn Ins
3H D HALL MS Ext Econ	3B H KANTACK PhD Ext Ent
1W D HERMANN PhD Asst Prof	5R & KIECHKHEFER PhD Assoc Prof (USDA) Ins Ecol
1F H HSIA PhD Assoc Prof	Ecol
1C M JOHNSON MS Assoc Prof	5V M KIRK PhD Prof (USDA) Soil Ins
3GALEN KELSEY MS Ext Agt Resource Devlpmt 1H J KIM PhD Asst Prof	12BURRUSS McDANIEL PhD Assoc Prof Grass Ins
12 WILLIAM KOHLMEYER MS. Prof Poultry Mktg and	5F E CRTMAN PhD Assoc Prof (USDA) Host Plant
Econ	Resistance to Ins 12M H RCLLER PhD Assoc Prof Mammalian Physiol
1J D LECNARD LLB MS Assoc Prof	5W N STONER PhD Prof (USDA) Ins Vectors of Plant
12A O LOCKNER PhD Assoc Prof	Dis
2A J MATSON PhD Assoc Prof	5G R SUTTER PhD Asst Prof (USDA) Biol Control
5CHARLES MICHEEL MS Asst Prof	12H N.SWANSON Ph.C. Assoc Pro: Mammalian Physiol
1D F PEARSON JD Prof and Asst to Pres and Dir of	2G A THIBOPEAU MS Instr Mann alian Privatel
Devlpmt	1Mrs SILVA TRAUTMAN BS Asst Anat
12M J POWERS PhD Asset Prof 23G D ROSE PhD Assec Prof and Ext Econ	
12J T SANDERSON MS Asst Prof	Extension Administration 9620
1L T SMYTHE MA Prof	3J T STONE DPA Dean of Ext Serv
2A & SOGN MS Asst Prof	3GENEVA V CROLL Admin Asst
5E O ULLRICH MS Asst Prof	3L L HOWE MS Dist Ext Supvr
	3H MARIE HENDERSHOT MS Assoc State Ldr Home
Editorial 9580	Econ
1G H PHILLIPS PhD Univ Ed	3MARY F LYLE PhD State Ldr Home Econ 3K J OSTROOT MS Dist Ext Supvr
12L L BORK MEd Asst Prof and Dir Aud Vis Center	3C D SANDERSON MS Dist Ext Supvi
13D A JOHNSON BS Ext Film Prod Ed 23L M JORGENSEN LS Asst Agr Ed	3L R WILSON MS Dist Ext Supvr
13Mrs JANET MACY MS ExtHome Econ and 4-H TV Ed	3J F YCUNGER MS State 4-H and YMW Ldr
23E W METCALF MS Agr Ed	4-H CLUB WORK
3J L PATES MS Ext News Ed	3J F YOUNGER MS State 4-H and YMW Ldr
3M A POTAS Vis Aids Spec	3IMA R CRISMAN BS Asst State Club Ldr 3HENRIETTA M GOHRING MS State Club Agt
2F J SHIDELER MS Exp Sta Ed	3L H HANSEN BS State Club Agt
12CONNIE SHIRLEY ES Pub Artist	3F J HEITLAND MS State Club Aqt
13NEIL STUEVEN MS Radio Dir 3L L SUDLOW MS Spec Vis Aids	3ELLA L OLLENBURG BS State Club Act
3L L SODLOW MD Spec VIS Alas	
Education (Agr) (Col of Arts and Sci) 9590	General Extension 9625
1H W GADDA EdD Prof Educ	3R M RICH MS Coord Gen Ext Serv
12J C POLLMANN MEd Instr Educ	3M M SCHOLTEN EdD Adult Educ Prog Spec
	Home Economics (Col of Home Econ) 9630
Engineering (Agr) 9600	123FRANCES M HETTLER PhD Prof and Dean of Col
12D L MOE MS Prof and Head of Dept	2Mrs DOROTHY DEETHARDT MS Asst in Res Food
3S W BLACK MS Fxt Irria Spec 2D D BROSZ MS Res Asst Soil and Water	and Nutr
12S T CHU PhE Asst Prof Soil and Water	3Mrs ELILABETH K EASTON MS Cloth Spec
12H H DELONG MS Prof Rural Elec and Crop Proc	2LOUISE GUILD MS Asst Prof Nutr and Food Sci Res
3R G DURLAND MS   Fixt Agr Engin	3Mrs MERLE GUNSALUS BS Ext Fam Life Spec
5C L HANSON MS Asst Prof (USDA)	12Mrs ADALINE HSIA MS Prof and Flead Text and Cloth 12LILLIAN OLUND MS Prof Text Res
3F F KERR BS Ext Spec Water Resources	12BARBARA McCANDLESS MS Assoc Prof and Head
12T M KLOSTERMAN BS Res Farm Supt	Mgt Housing and Equip
12M F. LARSON MS Assoc Prof Mech Agr	3NELLIE A McLOUGHLIN MA State Ldr Home Econ
12W D LEMBKE PhD Prof Soil and Water 3LOUIS LUBINUS BS Ext Agr Engin	3Mrs ALVERDA M MOORE MS Ext Fam Econ Spec
12W F LYTLE MS Assoc Prof Soil and Water Conserv -	12K C SCHNEIDER PhD Assoc Prof Nutr and Food Sci
Climatol	12Mrs CORA SIVERS MS Asst Prof Text Res 3Mrs DONNA SPOONER MA Home Furn Spec
2J M MADDEN BS Lab Tech Soil and Water	3Mrs DONNA SPOONEH MA Home Furn Spec  12RENA WILLS MS - Assoc Prof Nutr and Food Sci
5C A OHNSTAD MS Asst Prof (USDA)	ASSOC FIOT AND TOO OCT
3W H PETERSON MS Ext Agr Engin	Horti culture-Forestry 9640
5W S SPUHLER MS Asst Prof (USDA) State Climatol	12R M PETERSON PhD Prof and Head of Dept
12P K TURNQUIST PhD Assoc Prof Power and Mach	12D G ADAMS PhD Asst Prof Flor

Hartien	Isura E	orestry-	C	
попіси	Iture- 🗆	orestry –	Conti	nuea

12P E COLLINS PhD Assoc Prof Fcr

2N P EVERS BS Res Asst

3L L HELWIG MS Ext For

 12D E HERMAN PhD
 Asst Prof Ornam and Turf

 12L C JOHNSON MS
 Asst Prof Landsc Design

 3D M MARTIN MS
 Ext Hort

12D P PRASHAR PhD Assoc Prof Veg Crops

2W A URDAHL BS Res Asst 2J R WAPLES BS Res Asst

#### Plant Pathology 9660

12C M NAGEL PhD Prof and Head of Dept Dis Resistance Corn and Populus

12G W BUCHENAU PhD Assoc Prof Cereal Dis

12W S GARDNER PhD Assoc Prof Virus Dis

5S G JENSEN PhD Asst Prof (USDA) Virus Dis

2MINGTON LAI PhD Post Doctorate Mycotoxicol

12C J MANKIN PhD Assoc Prof Grass and Sorghum Dis 2HUGH RANDALL MS Asst

12GEORGE SEMENIUK PhD Prof Root Rot Dis Mycotoxicol

2GERALD THORNE MS Prof Nematol 3L S WOOD PhD Ext Plant Path

Sociology (Rural)

9680

12H M SAUER MA Prof and Head of Dept

1W D CHITTICK MS Prof

12R M DIMIT PhD Prof

12D R FIELD PhD Asst Prof

12M P RILEY PhD Prof 1J L SATTERLEE MS Instr

#### **Veterinary Science** 9690

12K D WEIDE DVM PhD Prof and Head of Dept

23J H BAILEY DVM Asst Prof Ext Vet

2E J BICKNELL DVM PhD Assoc Prof

2R J BURY DVM Instr 12G S HARSHFIELD DVM MS Prof

12C A KIRKBRIDE DVM Instr 2J P McADARAGH MS Asst Prof Bact

9700 Wildlife Management

12D R PROGULSKE PhD Assoc Prof and Head of Dept Wildlife Biol

6R L APPLEGATE MA Asst Prof (USDI)

6R B DAHLGREN MS Instr (USDI) 6R L LINDER PhD Assoc Prof (USDI) Coop Wildlife

Res Unit Ldr

12J G NICKUM PhD Asst Prof Wildlife Biol

12K E SEVERSON PhD Asst Prof Wildlife Biol

## Zoology-See Entomology-Zoology

#### Mi scel laneou s 9705

2A E DRACY PhD Prof Agr Res

9710

Substations

Antelope Range Field Sta (PO Buffalo)
2W R TREVILLYAN BS Supt

Central Substa (PO Highmore)

2FRANK HOLMES Actg Supt

North Central Substa (PO Eureka) 2ALBERT DITTMAN BS Supt

Pasture Res Farm (PO Norbeck)
2G B HAIWICK MS Supt
Range Field Sta (PO Cottonwood)
2B B BEER BS Supt

Redfield Devlpmt Farm (Bureau of Reclamation)

(PO Redfield) L B DYE Supt

Southeast S Dak Expt Farm (PO Beresford)

2J P FREDRIKSON BS Supt

2BURTON LAWRENSON BS Asst Supt

U S Newell Irrig and Dryland Field Sta (PO Newell)

5C J ERICKSON BS Supt

### TENNESSEE

College of Agriculture, Agricultural Experiment Station, and the Agricultural Extension Service of the University of Tennessee, Post Office Box 1071, Knoxville 37901

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

6International Agricultural Programs

9720

1A D HOLT PhD LLD Pres of Univ

1C II WEAVER PhD Chanc of the Univ of Tenn at Knoxville (615-974-5321)

123WEBSTER PENDERGRASS DPA Vice Chanc Inst of Agr (615-974-7342)

123E J CSIAPMAN MS Asst Vice Chanc Inst of Aar 10 G HALL PhD Dean of the Col of Agr (615-974-7303)
2.1 A EWING DPA Dean of the Agr Expt Serv

(615-974-7121)

3V W DARTER DPA Dean of the Agr Ext Serv (615-974-7114)

2ERIC WINTERS PhD Assoc Dean of the Agr Expt Sta

3N D BIS:10P PhD Assoc Dean of the Agr Ext Serv 30 C SHELB) MS Asst to Dean of the Agr Ext Serv

6L ii DICKSON EdD Dir Internatl Aar Prog (615-974-7249 1A R DYKES EdD Chanc of the Univ of Tenn at

Martin (PO Martin) 2L E HAWKINS PhD Dir-at-Large Southern Aar Expt

Sta Dir (PO Stillwater, Okla) 123BRODIE BAYNES BS Treas 123J L ANDERSON MS Budget Off

123W H JONES BS Acct

Agricultural Biology

9722

12S E BENNETT PhD Prof and Head of Dept 2E E BURGESS MS Asst in Agr Biol Alfalfa Ins

2A Y CHAMBERS MS Asst Prof Cotton Dis (PO Jackson) 2E T CHERRY MS Asst in Agr Biol Com and Tobac∞

Ins

5J M EPPS MS Assoc Prof Nematodes (PO Jackson) 3C H HADDEN PnD Asst Plant Path

12E A HEINRICHS PhD Asst Prof Ornorn Ins

12J W HILTY PhD Asst Prof Corn and Veg Dis

12L F JOHNSON PhD Assoc Prof Soil Microbiol

3W C JOHNSON BS Asst Ent (PO Jackson)

2D H LATHAM MA Assoc Prof Tobac∞ Dis (PO Springfield)

3R P MULLETT MS Ent and Ldr

12C D PLESS PhD Asst Prof Corn and Tobacco Ins 2W J POWERS BS Asst in Agr Biol Cotton Ins

2M F PRIEST BS Asst in Agr Biol Nematodes

2H E REED PhD Assoc Prof Cereal and Ornam Dis

2W G RUSSELL PhD Asst Prof Cotton Ins (PO Jackson)

5R C SIEVERT PhD Asst Prof Tobacco Dis (PO Greeneville)

12C J SOUTHARDS PnD Assoc Prof Nematodes

3H E WILLIAMS MS Asst Ent House and Garden Pests

### Agricultural Economics and Rural Sociology 12T J WHATLEY PhD Distinguished Prof and Head of

9724

Dept

12M B BADENHOP PhD Prof Agr Mktg and Agr Devlpmt

5H E BARNHILL MS Instr Farm Mgt

12L L BAUER PhD Asst Prof Farm Mgt and Prod Econ

2B E BEESON MS Asst in Agr Econ Farm Mat 1D W BROWN PhD Prof Internatl Agr Econ

5J W H BROWN BS Instr Agr Mktg 2B J BYERLEY BS Asst In Agr Econ Agr Devlomt

12C L CLELAND PhD Assoc Prof Rural Social

2S T COOPER MS Asst in Agr Econ Farm Mat 2W C COUVILLION MS Asst in Agr Econ Mktg

3F M DEFRIESE MS Assoc Aar Econ Farm Mat 3M L DOWNEN PhD Agr Foon and Ldr

12IRVING DUBOV PhD Prof Livestock Mktg and Prices

#### TENNESSEE Agricultural Economics and Rural Sociology-Continued Agronomy-Continued 3G V EAGAN MS Asst in Agr Econ Farm Mgt 2J T CONNELL MS Asst Prof Crop Prod (PO Grand 3E W GAMBILL BA Assoc Agr Econ Outlook 2C D GARLAND MS Asst in Agr Econ Policy Junction) 2N C EDWARDS Jr MS Asst in Agron Forage Mgt 5G H GLOVER MS Instr Farm Mgt 2J D FRADY BS Asst in Agron 12H A FRIBOURG PhD Assoc Prof Forage Crop Ecol 2W E GOBLE PhD Asst Prof Fruit and Veg Mktg 2R J GODDARD BS Asst Prof Farm Mgt (PO Grand 2R N GALLAHER BS Asst in Agron Soil Fert Junction) 3D M GOSSETT PhD Assoc Agron Weed Control 3B G HICKS MS Asst Agr Econ Mkta 2R M GRANGER BS Asst in Agron Crop Brdg 3T W HINTON PhD Assoc Agr Econ Farm Mat 2C R GRAVES MS Asst Prof Crop Prod 2J E HOLMES MS Asst In Agr Econ Recreation 5C L GUPTON PhD Asst Prof Tobacco Brda (PO 2J P JORDAN BS Asst in Agr Econ Farm Mgt Greeneville) 12L H KELLER PhD Assoc Prof Farm Mgt and Prod Econ 2L G HEATHERLY BS Asst in Agron Cotton 2J P KUEHN MS Asst in Agr Econ Mktg 2P E HOSKINSON MS Asst Prof Cotton Prod (PO 12F O LEUTHOLD PhD Assoc Prof Rural Social Jackson) 12J A MARTIN PhD Prof Land Tenure and Policy 3D D HOWARD PhD Asst Agron Soil Fert 2J W JOHNSON BS Asst in Agron Soil Chem 2H A MITCHELL MS Asst in Agr Econ Land Econ 5L M JOSEPHSON PhD Prof Corn Brdq 2K E PAXTON MS Asst in Agr Econ Mktq 3B H PENTECOST MS Asst Agr Econ Mktq 2H C KINCER BS Asst Prof Corn Brdq 2G B PERKINS MS Asst in Agr Econ Land Econ 2B D RASKOPF MS Assoc Prof Poultry and Cotton Mkta 2W A KRUEGER PhD Asst Prof Weed Physiol 12R J LEWIS PhD Assoc Prof Soil Chem 5T J LONGWELL MS Asst Prof Soil Conserv 2R C LOYD BS Asst in Agron Crop Brdq 2R M RAY MS Asst Prof Farm Mgt and Prod Econ 2N E RODRIGUEZ BS Asst in Agr Econ Rural Social 3HAYWOOD LUCK MS Asst Agron Cotton (PO Jackson) 12C B SAPPINGTON PhD Asst Prof Grain Mktg 5B A MANER BS Instr Cotton Brdg 12J G SNELL PhD Asst Prof Mktq 3J N MATTHEWS MS Asst Agron Soil Testing (PO 2H L SPANGLER BS Asst in Agr Econ Farm Mat 2H B STRAWN MS Asst in Agr Econ Mktq 3H N WALCH PhD Asst Agr Econ Farm Mgt Nashville) 2B J MILLER MS Asst in Agron Soil Formation 2T H MORGAN MS Asst Prof Soil Fert (PO Spring Hill) 5B C NICHOLS BS Assoc Prof Tobacco Fert (PO 2J E WIEBE MS Asst in Agr Econ Farm Mat 2B L WILLIAMS BS Asst in Agr Econ Mktq 2E R WILLIAMS MS Asst in Agr Econ Mktq Greeneville) 2J R OVERTON MS Asst Prof Soil Fert (PO Jackson) 12W L PARKS PhD Prof Soil Fert and Phys 12V H REICH PhD Asst Prof Small Grains Brda Agricultural Education (Col of Educ) 9726 1E C MERRILL Jr EdD Dean Col of Educ 1G W WIEGERS Jr EdD Prof and Head of Dept 12J H REYNOLDS PhD Asst Prof Forage Crops Physiol 1D G CRAIG MS Asst Prof 1J D TODD MS Asst Prof 3G N RHODES MS Agron and Ldr Tobacco 2BROOKS ROBINSON BS Asst Prof Soil Anal 3J H ROBINSON MS Assoc Agron Soil Conserv Agricultural Engineering 9728 2J R ROPER BS Asst in Agron Soil Mgt 12J J McDOW PhD Prof and Head of Dept 2J C BARKER BS Asst in Agr Engin Soil and Water 2J H RULE BS Asst in Agron Soil Chem 2K B SANDERS MS Asst Prof Soil Chem 2B J SELLERS BS Asst in Agron Plant Brdg 12D O BAXTER MS Asst Prof Farm Structures 12E K BOYCE MS Assoc Prof Power and Mach 2J W BRANCH BS Asst in Agr Engin Soil and Water 12L N SKOLD MS Prof Crop Prod 12H C SMITH Jr MS Asst Prof Crop Mgt 2C L BRASHER BS Asst in Agr Engin Power and Mach 12M E SPRINGER PhD Prof Soil Formation **3**K E DeBUSK MS Asst Agr Engin Rural Elec 5J M STEWART PhD Asst Prof Physiol 12K E DUCKETT PhD Asst Prof Cotton Fiber Properties 2J L WAYNICK BS Asst in Agron Forages 5SMITH WORLEY PhD Assoc Prof Cotton Fiber Testing 5P R EWALD BS Assoc Prof Cotton Fiber and Yarn 3M H FALKNER BS Assoc Agr Engin Farm Structures 2D A FUGATE BS Asst in Agr Engin Power and Mach **Animal Husbandry** 5J L GOODENOUGH BS Instr Elec Power and Proc 12CS HOBBS PhD Prof and Head of Dept 12Z A HENRY PhD Assoc Prof Cotton Fiber Properties 2C W ABSHER MS Asst in Anim Husb Beef Cattle 2A L INFANTE BS Asst in Agr Engin Power and Mach 5R S KROWICKI MS Asst Prof Cotton Fiber Properties 5REBA LAWSON BS Asst Prof Cotton Fiber Properties 12K M BARTH PhD Assoc Prof Nutr 2M C BELL PhD Prof Nutr 3W G BROWN MS Asst Anim Husb Beef and Swine 3D H LUTTRELL PhD Agr Engin and Ldr 2A H MORGAN BSME Assoc Prof Food Mach (PO Jackson) 2W L BROWN MS Asst in Anim Husb Beef Cattle 5W T BUTTS PhD Asst Prof Beef Cattle 2J A MULLINS PhD Assoc Prof Cotton Ginning and Mech (PO Jackson) 12C C CHAMBERLAIN PhD Assoc Prof Nutr 12J | SEWELL PhD | Assoc Prof Soil and Water 12J W COLEMS ProfMeats 2R C SHADDEN BS Asst in Agr Engin Power and Mach 12C H SHELTON MS Asst Prof Soil and Water 5R B STONE BSEE Assoc Prof Elec Power and Proc 2J A CORRICK PhD Asst in Anim Husb Beef Cattle 2H M CROWDER MS Asst Prof Anal Chem 2D J DAVIS BS - Asst in Anim Husb Swine 2G R EISPLE MS - Asst in Anim Husb Swine 3A J SWEARINGEN MS Assoc Agr Engin Farm Mach 2R G VIA BS Asst in Agr Engin Soil and Water 2M E FRYER BS Asst Prof Anal Chem 12S A GRIFFIN PhD Assoc Prof Swine 12S L HAMSARL PhD Prof Nutr 9730 Agronomy 12L F SEATZ PhD Prof and Head of Dept 2G r IDOL r S Asst in Anim Husb Physiol 23H M JAMISON PhD Assoc Prof and Assoc Anim Husb 2W A ALEXANDER BS Asst in Agron Soils 12HENRY ANDREWS MS Asst Prof Weed Control Beef Cattle Brdg 2J D BARKER BS Asst in Agron Turf 2F D KIRKPATRICK MS Asst in Anim Husb Swine 12FF BELL PhD Prof Soil Mgt 12E R LIDVALL MS Assoc Prof Swine 5D R BOWMAN MS Assoc Prof Tobacco Anal 2J E MARTIN BS Asst in Anim Husb Beef Cattle 2J B McLAREN MS Asst Prof Beef Cattle 23G J BUNTLEY PhD Assoc Prof and Assoc Agron Soil Mat 123G M MERRIMAN DVM Prof and Vet 3J D BURNS MS Assoc Agron Forage Crops 2S G MILLER BS Asst in Anim Husb Meats 12R L MURPHREE PhD Prof Reprod

2L M CALLAHAN PhD Asst Prof Turf 2R U CLARK BS Asst in Agron Forage Physiol

3R E COBBLE MS Asst Agron Seed Impr (PO Nashville)

12B V CONGER PhD Asst Prof Plant Genet

3J G O'NEAL MS Asst Anim Husb Swine

2D W PORTER BS Asst in Anim Husb Swine 3F C POWELL MS Asst Anim Husb (PO Nashville)

Animal Husbandry-Continued	Forestry 9815
12C B RAMSEY PhD Assoc Prof Meats	12J W BARRETT PhD Prof and Head of Dept
12R R SHKODE PhD Prof Erdg and Statis	2P E ARNETT MS Asst in For Tree Impr
12J D SMALLING PhD Asst Prof Physiol	12ER BUCKNER MF Asst Prof For Mgt
2GOPALSAMY SRINIVASAN MS Asst in Anim Husb	3ER CADY MS Asst For Gen For
Physiol	12H A CORE PhD Prof Wood Technol
3W P TYRRELL MS Anim Fusb and Ldr beef Cattle	2R E DEITRICK BS Asst in For Wildlife Mat
	12R W DIMMICK PhD Asst Prof Wildlife Mgt
Dairy 9750	3W E DUGGAN MS Asst For For Mgt
12J T MILES PhD Prof and Head of Dept	2T R EULANKS BS Asst in For Wildlife Mat
2D B BATSON BS Asst in Dairy Erda	2R M. EVALS DS Asst in For Silvic
5H D DAXTER MS Asst Prof Prod (PO Lewisburg)	2M. D. MARTIN' 5S. Asst in For Silvic
25 J BEAMDEN MS Asst Prof Prod (PO Spring Hill)	12M R PELTON PhD Asst Prof Wildlife Mgt 12K F SCHELL PhD Assoc Prof Recreation
2W F BYENE MS Asst in Doury Nutr 1H N CARRINGER MS Assoc Prof Technol	3J B SHAHP Jr DPA For and Lar Gen For
3C K CHAPPELL MS Dairy Husb and Ldr	12EYVIND THOR PhD Assoc Prof Tree Impr
2J E CLAYCOME BS Asst in Dairy	23J G WARMBROD BS Asst Prof and Asst For For Mgt
12R G CRAGLE PhD Prof Physiol	(PO Jackson)
12B J DeMOTT PhD Assoc Prof Technol	12G h WELLS DF Asst Prof For Econ
2H H DOWLEN BS Asst in Dairy Brdg	2M J YOUNG BS Asst in For Recreation
2D N HAMILTON BS Asst in Dairy Bact	•
1T B HARRISON MS Prof Technol	
12S A HINTON MS Assoc Prof Prod	4-H Club 9820
2R D HOLDER BS Asst in Dairy	3G S FOSTER EdD 4-H Club Spec and Ldr
3H C HOLT MS Asst Dairy Husb Mfg (PO Nashville)	3POLLY L FUSSELL BS Asst 4-H Club Spec
2W M HOPPER MS Asst Prof Prod (PO Jackson) 3W M MILLER PhD Assoc Dairy Husb Nutr	3E B JENKINS BS Assoc 4-H Club Spec
12M J MONTGOMERY PhD Assit Prof Nutr	3MARIFLOYD HAMIL BS Asst 4-H Club Spec
5E D MOORE MS Asst Prof Prod (PO Lewisburg)	Home Economics 9830
12W W OVERCAST PhD Prof Bact	Home Economics 9830 12MYRA L BISHOP PhD Head of Home Mgt Equip and
3V D PARSONS BS Asst Dairy Husb DHIA	Fam Econ
2J R PLUMMER MS Asst in Dairy Nutr	12ADA M CAMPBELL PhD Prof Food Sci and Inst Mat
12D O RICHARDSON PhD Assoc Prof Brda	3MARGARET L CLEM MS Relat Art Int Design and
3T R SPANN MS Asst Dairy Husb (PO Jackson)	Housing Spec
12E W SWANSON PhD Prof Nutr	12GAIL W DISNEY MC Instr Nutr
Extension Administration 9795	15HOWENA P DOWLEN MS Asst Prof Text and Cloth
3V W DARTER DPA Dean	3MILDRED L FARMER MS Home Mgt Spec
3W D BISHOP PhD Assoc Dean	13CLAIRE F. GILBERT EaD Prof and Head Home De-
30 CSHELLEY MS Asst to Dean	monstration Methods
3MARY N ALEXANDER BS Dist Supvr Home Econ	12GRAYCE E GOERTZ PhD Prof and Head Food Sci
Prog (PO Cookeville)	and Inst Mat 12MARY R GRAM PhD Prof and Head Nuti
3VIRGINIA BOSWELL MS State Lar Home Econ	3REBA K HENDREN MS Asst Spec Nutr
3J B BROWER Jr MS Dist Supvr Agr Prog	1 2RUTH L HIGHBERGER PhD Prof and Head Child
3W E BRYAN MS Dist Supvr Agr Prog (PO Chattanooga)	Devlipmt and Fam Relat Dept
3A C CLARK MS Dist Supvr Mgt (PO Cookeville) 3J E FRANCIS BS Dist Supvr Mgt	12PHYLLIS ILETT MBA Assoc Prof Home Mat Equip
30 E HODGES MS Dist Supvr Agr Prog (PO Nashville)	and Fam Econ
3M E JONES MS Dist Supvr Mgt (PO Nashville)	2Mrs ROSSIE L MASON MS Asst Prof Nutr
3P M KOGER BS Dist Supvr Mgt (PO Chattanooga)	12BERNADINE H MEYER PhD Prof Food Sci and Inst
3R A PEACE MS Dist Supvr Agr Prog (PO Cookeville)	Mat 2ELISE MORRELL MS Asst Prof Nutr
3BETTY L SEWELL BS Pers Asst	3NAZZA NOBLE MS Nutr Spec
3H T SHORT BS Dist Supvr Mgt (PO Jackson)	3GENEVA D POTTER MS Asst Cloth Spec
3MARY STANFILL BS Dist Supvr Home Econ Prog	3HELEN L RADER MS Cloth Spec
(PO Chattanooga)	2Mrs HELEN M REED MS Asst Prof Home Mat Equip
3ALTA F THOMAS MS Dist Supvr Home Econ Prog	and Fam Econ
3G W TURNER MS Dist Supvr Agr Prog (PO Jackson)	124FRANCES A SCHOFIELD PhD Prof Nutr
3MARGARET A USSERY PhD Dist Supvr Home Econ	12J T SMITH PhD Prof Nutr 2Mrs SARA A SMITHERMAN BS Instr Food Sci and
Prog (PO Nashville)	
3ESTELLE VINES BS Dist Supvr Home Econ Prog	and Inst Mat  12Mrs LOIS SOUTHWORTH BS Instr Child Devlomt and
(PO Jackson)	Fam Relat
	1 2Mrs ANNA J TREECE PhD Prof and Head Text and
Extension Training and Studies 9800	Cloth
13H S DOTSON PhD Prof and Spec Training and Studies	3BESSIE L WALTON BS Prog Spec
and Ldr	
13C E CARTER PhD Asst Prof and Asst Spec Training	Horticulture 9840
and Studies	12B S PICKETT PhD Prof and Head of Dept
13CLAIRE E GILBERT EdD Prof and Spec Training and	12J S ALEXANDER MS Asst Prof Ornom
Studies	3J J BIRD BS Assoc Hort Veg
	2J F BROWN MS Asst Prof Veg (PO Jackson)
Food Technology 9810	3J C CLARK BS Asst Hort Veg (PO Jackson)
12M R JOHNSTON PhD Prof and Head of Dept	2D L COFFEY PhD Asst Prof Physiol
12J L COLLINS PhD Asst Prof Food Quality	2R D FREFLAND MS Asst in Hort Veq 2E T GRAHAM PhD Assoc Prof Physiol
2MAXIDE LYLE A. Asst in Food Technol	2C W MARR MS Asst in Hort Pomol
12I E McCANTY MS Asst Prof Food Quality	2C A MULLINS MS Asst in Hort Pomol (PO Crossville)
21 - P MOSS 6A Asst in Food Technol 12J O MUNDT PhD Prof Food Bact	2L E MURRAY BS Asst in Hort Veg
2L W HUSSELL BS Asstin Focal echnol	2W E ROEVER PhD Assoc Prof Brdg
2F In WIELLAND PS Asst in Food Technol	

TENNESSEE 9840-9940

Horticulture—Continued	UT AECA . I. AB	
2A D RUTLEDGE MS Asst in Hort Veg	UT-AEC Agricultural Research Laboratory—Continued 2R G GAST PhD Assoc Prof Soil Chem	
2J G STALEY MS Asst in Hort Ornorm	2G M GORMAN MS Asst in Dairy Nutr	
12H D SWINGLE PhD Prof Veq	12E T GRAHAM PhD Assoc Prof Hort	
12HENDRIK van de WERKEN MVV Asst Prof Ornam	12S A GRIFFIN PhD Assoc Prof Anim Nutr	
3D B WILLIAMS PhD Hort and Ldr Pomol	2R F HALL DVM Asst Prof Clin Med	
Information 9850	2D F JOHNSON DVM Prof Path	
23R L HAMIL TON MS Ed and Head of Dept	2W D KLOBE MS Asst Prof Soil Sci	
2F E BERGGREN BS Asst Ed Expt Sta Pub	2R L LOVVORN PhD Consult	
3JANICE J HURST MS Asst Ed Home and 4-H News	2W G MAGRANE DVM Consult	
3G C MAYS MS Asst Ed Ext Radio	2POLLY G MAHTIN PhD Asst Prof Nutr Physiol 2G H MATSCHKE MS Asst in Anim Husb	
123A H MITCHELL BS Agr Libr	2A F McFEE PhD Assoc Prof Physiol	
23C A REINHARDT MS Asst Ed Visuals	2J K MILLER PhD Assoc Prof Dairy Nutr	
3S F SWEET MA Assoc Ed Field Training and Spec	2R J MONROE PhD Consult	
Assignments	2F R MRAZ PhD Prof Physiol	
International Agricultural Programs 9855	12R L MURPHREE PhD Prof Physiol	
6L H DICKSON EdD Dir	2T R NOONAN MD Prof Physiol	
University Development (Mysore State, India)	2W C PATRICK Asst to Lab Dir	
6D M THORPE DPA Chief of Party	12R A REYNOLDS MS Asst Prof Brdq 2W E SANDERS PhD Asst Prof Biomet	
6G K GARLICK DVM. Vet Sci Adv	2L B SASSER PhD Asst Prof Anim Nutr	
60 H LONG PhD Soil Sci Adv	PE G SIEMER PhD Assoc Prof Plant Morphol	
6L C PARKER PhD Anim Sci Adv 6R J RAMSEY MA Rural Sociol Adv	2J C SOUTO MD Prof Physiol	
6D M SEATH PhD Agr Res Adv	2G E SPALDING PhD Asst Prof Soil Chem	
6M E WEEKS PhD Agron Adv	2D L STODDARD MS Asst Prof Safety	
6M G WELLING MS Agr Ext Adv	2LEO WADE PhD Asst Prof Biophys	
Agricultural Production Program (Mysore State, India)	2J L WEST PhD Prof Path	
6A C BLAKE MS Agr Inform Adv	2R D WRIGHT BS Asst in Hort 2M H WYKOFF DVM Assoc Prof Physiol	
6T R LANGFORD MS Farmers Training and Educ Adv	ZM II WIROTT DVM ASSOC FIOI Physiol	
6J R McCROY MS Seed Impr Adv 6R G PALMER PhD Soil Fert Soil Test and Fert Use	Main Station	9915
6W W STANLEY MS Plant Protection Adv	2J N ODOM MS Supt	
Agriculture Production Program (Madras State, India)	2C R HOLMES BS Mar Dairy Unit	
6V F. ROSS MS Team Ldr and Ext Adv	2G CMcGHEE BS Mgr Poultry Unit	
6WEBLACK MS Agron Adv	2R Q SNYDER BS Mgr Anim Husb Unit	
6L DHAWS PhD Plant Protection Adv	Branch Stations	
6G I JOHNSON ESAF. Agr Implements and Mach Adv	Dairy Expt Sta (PO Lewisburg)	9920
6H O VAIGNEUR PhD Water Use and Mat Adv	25J R OWEN MS Supt	
Poultry 9880	Highland Rim Expt Sta (PO Springfield)	
120 E GOFF PhD Prof and Head of Dept	2L M SAFLEY BS Supt	
12J K BLETNER PhD Assoc Prof Nutr	Middle Tenn Expt Sta (PO Spring Hill)	
3C R DOUGLAS PhD Poultryman and Ldr	2J W HIGH MS Supt	
2H C GOAN BS Asst in Poultry Nutr	Plateau Expt Sta (PO Crossville)  2J A ODOM BS Supt	
2R J MACKIN Jr MS Asst in Poultry Genet		
	2E L BOHANON BS Asst Supt	
3W O SEWELL MS Asst Poultrymon	<b>2</b> E L BOHANON BS Asst Supt Tobac∞ Expt Sta (PO Greeneville)	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet	2E L BOHANON BS Asst Supt Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path	Tobacco Expt Sta (PO Greeneville)  25J H FELTS BS Supt West Ten Expt Sta (PO Jackson)	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885	Tobacco Expt Sta (PO Greeneville)  23J H FELTS BS Supt  West Ten Expt Sta (PO Jackson)  2B P HAZLEWOOD MS Supt	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol	Tobacco Expt Sta (PO Greeneville) 25 H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt Field Stations	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt Field Stations Ames Plantation (PO Grand Juction)	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890	Tobacco Expt Sta (PO Greeneville) 23 H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt Field Stations Ames Plantation (PO Grand Juction)	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma)	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD	Tobacco Expt Sta (PO Greeneville) 23 H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD	Tobacco Expt Sta (PO Greeneville) 23 H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan)	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec	Tobacco Expt Sta (PO Greeneville) 23 H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R Development Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R Development Research Laboratory 9900 (1299 Bethel Valley Road, Oak Ridge 37830)	Tobacco Expt Sta (PO Greeneville)  23 H FELTS BS Supt  West Ten Expt Sta (PO Jackson)  2B P HAZLEWOOD MS Supt  Field Stations  Ames Plantation (PO Grand Juction)  2J M BRYAN BS Mar  Cumberland Forestry Field Sta (PO Harriman)  2J S KRING MS Mar  Hichland Rim Forestry Field Sta (PO Tullahoma)  2P J HUFFMAN Jr BS Mar  Milan Field Sta (PO Milan)  2T C McCUTCHEN BS Mar  University of Tennessee at Martin	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900 (1299 Bethel Valley Road, Ock Ridge 37830) 2J A EWING DPA Proj. Ldr	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900  12A EWING DPA Proi Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)	9925
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900 (1299 Bethel Valley Road. Oak Ridge 37830) 2J A EWING DPA Proj Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCE MS Asst Prof Aaron	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900  (1299 Bethel Valley Road, Oak Ridge 37830) 2J A EWING DPA Proi Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt 2D G BROWN DVM Prof Clin Med	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mgr Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mgr Hichland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mgr Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mgr University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12H J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD	Tobacco Expt Sta (PO Greeneville) 23 J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900  (1299 Bethel Valley Road, Oak Ridge 37830) 2J A EWING DPA Proi Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt 2D G BROWN DVM Prof Clin Med	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12F J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Aaron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Aaron 2H A HENDERSON BS Farm Mar	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mgr Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mgr Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mgr Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mgr University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mgr 1J N KANIANTHRA MS Asst Prof Agr Engin	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mgr Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mgr Hichland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mgr Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mgr University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12H J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mgr 1J N KANIANTHRA MS Asst Prof Agr Engin 1J E McMAHAN MS Prof Fort	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900 (1299 Bethel Valley Road. Oak Ridge 37830) 2J A EWING DPA Prof Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt 2DG BROWN DVM Prof Clin Med 2J A BRENNAN PhD Consult 2G W CASARETT PhD Consult 2J E CHANCLER BS Asst in Anim Husb 2P K CHUNG MS Asst Prof Plant Genet 2M J CONSTANTIN PhD Assoc Prof Plant Genet	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mgr Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mgr Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mgr Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mgr University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mgr 1J N KANIANTHRA MS Asst Prof Agr Engin	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE RAD 3R C McDAD 3R C	Tobacco Expt Sta (PO Greeneville) 25J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mgr Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mgr Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mgr Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mgr University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12H J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mgr 1J N KANIANTHRA MS Asst Prof Agr Enain 1J E McMAHAN MS Prof Fort 1C S MURPHEY MS Instr Agr Econ 1N W FOBINSON PhD Assoc Prof Anim Sci	
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900 (1299 Bethel Valley Road, Ock Ridge 37830) 2J A EWING DPA Proi Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt 2DG BROWN DVM Prof Clin Med 2J A BRENNAN PhD Consult 2G W CASARETT PhD Consult 2G W CASARETT PhD Consult 2J E CHANCLER BS Asst in Anim Husb 12B V CONGER PhD Asst Prof Plant Genet 2M J CONSTANTIN PhD Assoc Prof Plant Genet 12R G CRAGLE PhD Prof Dairy Physiol 2T J CUNHA PhD Consult	Tobacco Expt Sta (PO Greeneville) 23 J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2 J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2 J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCE MS Asst Prof Aaron 12E W COUNCE MS Asst Prof Aaron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mar 1J N KANIANTHRA MS Asst Prof Agr Engin 1J E McMAHAN MS Prof Fort 1C S MURPHEY MS Instr Agr Econ 1N W FOBINSON PhD Assoc Prof Anim Sci	930
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Asst Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE RAD 3R C McDAD 3R C	Tobacco Expt Sta (PO Greeneville) 23 H FELTS BS Supt West The Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCH MS Asst Prof Agron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mar 1J F McMAHAN MS Prof Fort 1C S MURPHEY MS Instr Agr Econ 1N W FOBINSON PhD Assoc Prof Anim Sci	930
12H V SHIRLEY Jr PhD Assoc Prof Physiol and Genet 12R L TUGWELL PhD Prof Path 2R A VOITLE MS Asst in Poultry Physiol  Program Development 9885 3G F LUCK MS Asst Prof Devlomt Spec  Resource Development 9890 3L J STRICKLAND MS Resource Devlomt Spec and Ldr 3J W BRIMM MS Assoc Resource Devlomt Spec Community 3R D FREELAND MS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec RAD 3R C McDADE BS Assoc Resource Devlomt Spec  UT-AEC Agricultural Research Laboratory 9900  (1299 Bethel Valley Road. Oak Ridae 37830) 2J A EWING DPA Prof Ldr 2N S HALL PhD Lab Dir 2W B BELL PhD Consult 12M C BELL PhD Prof Anim Nutr 2J M BIRD MS Supt 2DG BROWN DVM Prof Clin Med 2J A BRENNAN PhD Consult 2G W CASARETT PhD Consult 2J E CHANDLER BS Asst in Anim Husb 12B V CONGER PhD Assoc Prof Plant Genet 2M J CONSTANTIN PhD Assoc Prof Plant Genet 12R G CRAGLE PhD Prof Dairy Physiol 2T J CUNHA PhD Consult 2G R EISELE MS Asst in Anim Husb	Tobacco Expt Sta (PO Greeneville) 23 J H FELTS BS Supt West Ten Expt Sta (PO Jackson) 2B P HAZLEWOOD MS Supt  Field Stations Ames Plantation (PO Grand Juction) 2 J M BRYAN BS Mar Cumberland Forestry Field Sta (PO Harriman) 2 J S KRING MS Mar Highland Rim Forestry Field Sta (PO Tullahoma) 2P J HUFFMAN Jr BS Mar Milan Field Sta (PO Milan) 2T C McCUTCHEN BS Mar University of Tennessee at Martin (Under same administration as Univ of Tenn, Knoxville)  Agriculture 12E J SMITH PhD Prof and Head of Dept Anim Sci 12E W COUNCE MS Asst Prof Aaron 12E W COUNCE MS Asst Prof Aaron 12E W CULVAHOUSE Jr MS Asst Prof Dairy Husb 12B N DUCK PhD Asst Prof Agron 2H A HENDERSON BS Farm Mar 1J N KANIANTHRA MS Asst Prof Agr Engin 1J E McMAHAN MS Prof Fort 1C S MURPHEY MS Instr Agr Econ 1N W FOBINSON PhD Assoc Prof Anim Sci	930

Home Economics-Continued

1 Mrs FAIRY N DODD BS Instr Nursery School IMARY I FLOWERS MS Prof Foods and Inst Mgt 1BARBARA W NORMAN MS Asst Prof Child Devlpmt and Fam Relat

1JEAN A PHILLIPS PhD Assoc Prof Food Sci and Nutr IVIRGINIA A POPE MS Asst Prof Text and Cloth 1AALTJE J VAN DENBURG MS Assoc Prof Relat Arts and Crafts

School of Agriculture and Home Economics of Tennessee Agricultural and Industrial State University,

1College Staff 3Extension Staff 4Leave of Absence 5Coop USDA

9950

9955

9960

9965

IWS DAVIS PhD Pres and Prof Agr (615 242-4311 Ext 2011

1 % N JACKSON PhD Dean of Faculty (615 242-4311 Ext 222)

INE RASKA MAYS PhD Dir of Inst Res (615 242-4311 Ext 381)

1D A HAMILTON EdD Dean of Sch of Agrand Home Econ (615 242-4311 Ext 244)

130 L ADAMS PhD Dir of Ext Ser (615 242-4311 Ext 295) 1Mrs MATTYE C FLOWERS MS Head of Dept of Home Econ (615 242-4311 Ext 250)

Agricultural Education and Economics

14H L TAYLOR PhD Prof and Head of Dept 1R H DERDEN MS Tech Agr Engin 5R L HURST PhD Prof Agr Econ (ERS) 1S R LONDHE PhD Assoc Prof Agr Econ 13G E ROACH MS Instr Agr Econ

Animal Science

1ROLAND NORMAN PhD Prof and Head of Dept 1 A B BOND PhD Assoc Prof Biochem 3 A B DAVIS MS Asst Prof Anim Husb 1JOE JOHNSON Jr PhD Asst Prof Biochem 13W E OFFICER MS Assoc Prof Anim Husb 13F D SMITH DVM Prof Anim Husb 1E J THORNTON MS Prof Poultry Sci

13T R WOOD MS Assoc Prof Anim Husb

**Plant Science** 

1F E WESTBROOK PhD Prof and Head of Dept

1H W CARTER PhD Prof Plant Sci 13H C HARDY MS Assoc Prof Plant Sci and Farm Mar 1NEAL McALPIN MS Assoc Prof Plant Sci

Home Economics

1Mrs MATTYE C FLOWERS MS Prof and Head of Dept 1MIRIAM M ABERNATHY PhD Prof Foods and Nutr 3CHRISTINE ALEXANDER MS Assoc Prof Home Econ Ext

14MABEL B ANDERSON EdD Prof Child Devlpmt 13Mrs AUGUSTINE S DARTIS MS Asst Prof Foods and Nutr 1Mrs GERALDINE B FORT MA Assoc Prof Cloth and

Text 1Mrs LUTHER B FRANKLIN MS Asst Prof Foods

and Nutr IMrs MARY H GREER MS Asst Prof Home Econ Educ 1ERNA B JONES HOOVER PhD Prof Home Econ Educ 1CAROLE A JAMISON MEd Asst Prof Home Econ Educ
13RUTH A McDOWELL MEd Assoc Prof Child Devlpmt 1Mrs CATHRYN B McKINNEY MS Asst Prof Cloth and

Text 1Mrs MARY P MAXWELL MS Instr Child Devlpmt 13LILLIE B REDMOND MS Asst Prof Home Mgt 13Mrs MARYLOUISE E RITTER MS Asst Prof Cloth and Text

1Mrs MIRIAM G TOWNS MS Assoc Prof Foods and Nutr

### **TEXAS**

Texas A&M University, the Agricultural Experiment Station, the Agricultural Extension Service, the Forest Service, and Prairie View A and M College of the Texas A&M University System. College Station 77843

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency

9990

10000

123.J E RUDDER BS LLD Pres of Tex A&M Univ and of Syst

123H O KUNKEL PhD Dear of Col of Agr and Actg Dir of Sta (713-845-3711)

13.J E ! UTC: ISON MS Assoc Dean and Dir of Agr Ext erv (713-845-5424)

123L S POPE PhD Assoc Dean for Admin Affairs
1R ( POTTS PhD Assoc Dean For Instr (713-845-3711)
6P E KRAMEN BS Dir of Tex For Serv
123A A PRICE DVM MS Dean of Col of Vet Med and Asst

Dir for Vet Res

2.J E MILLER PhD Asst Dir of Sta 2V E SCHEMBER MS Asst Dir of Sta

4% C MALL Academic Vice Pres and Dean of Grad Col

IA D SUTTLE Jr PhD Vice Pres for Res

Agricultural Analytical Services

2W L HOOVER PhD Asst Prof and Head Fert

Anal 2E E BROWN MS Res Sci Microscopy

2T & GRIFFIN PhD Asst Prof Pesticide Anal

2W E McCASLAND MS Asst Res Chem 2J C REAGOR MS Asst Prof Feed Anal

Agricultural Economics and Sociology 123T R TIMM DPA Prof and Head of Dept
12J W ADALIS MS Asst Prof Range and Ranch Mat

3J V ALLEN MS Area Farm Mat Spec (PO Gonzales)
5C H BATES MS Campus Coord Argentina Proj

12R V BILLINGSLEY PhD Assoc Prof Prod Econ and Farm and Ranch Mgt

3W E BLACK PhD Econ Mktg and Policy 5C C BOYKIN Jr MS Aar Econ Range and Ranch Econ

12R E BRAMSON PhD Prof Mktg Devlomt 3N W BRINTS MS Ext Area Farm Mgt Spec

(PO Vernon) 3R V BROWN MS Ext Social Community Impr

12L E COPELAND MA Instr Sociol

1D R DAVIS MS Assoc Prof Social

3J S DENTON MS Ext Area Farm Mgt Spec (PO Stephenville)

25R A DIETRICH PhD Asst Prof

12DON FARRIS PhD Assoc Prof Livestock Mkta

3JOHNNY FEAGAN MS Econ Form Organ

5B G FREEMAN MS Agr Econ

12R J FREUND PhD Prof Statis 12M R GODWIN PhD Prof Mktq

12J C GRADY PhD Assoc Prof

5W R GRANT MS Agr Econ 5W L HARMAN MS Agr Econ

12R R HOCKING PhD Assoc Prof Statis

5J B HOTTELL MS Agr Econ Prod Econ

5W F HUGHES BS Agr Econ

3T K HUNTER PhD Grain Mkta Spec

3J E JENKINS BS Area Farm Mat Spec (PO Denton)

12LONNIE JONES PhD Asst Prof Mktq 3R H KENSING BS Ext Area Farm Mgt Spec (PO San Angelo)

12NANCY G KUTNER PhD Asst Prof Social

12W P KUVLESKY PhD Assoc Prof Social 12C F LARD PhD Assoc Prof Prod Econ

3J T LONG MS Area Farm Mat Spec (PO Overton)

3J G McHANEY MS Ext Econ Acr Outlook 12E L McLEAN PhD Asst Prof Social

12J G McNEELY PhD Prof Livestock Mkta 3J I MALLETT MS Farm Mgt Spec

5J R MARTIN PhD Agr Econ Prod Econ

Agricultural Economics and Sociology—Continued

12D S MOORE PhD Assoc Prof Prod Econ and Farm and Ranch Mat

123B H NELSON PhD Prof Social

3C A PARKER MS Farm Mat Spec 3G R POWELL MS Ext Fruit and Vea Mkta Spec

3T E PRATER MS Ext Farm Mat Spec 12J S PRESTON PhD Asst Prof Social

3R L PREWETT MS Res Devlomt Spec

3A W REICHARDT MS Area Farm Mat Spec (PO Weslaco)

12D C RUESINK PhD Asst Prof Sociol

1 2I W SCHMEDEMANN PhD Assoc Prof Res Econ and Agr Policy

3J J SEIBERT MS Ext Area Farm Mgt Spec (PO Lubbock) 12C E SHAFER PhD Assoc Prof Poultry Mktg

12R L SKRABANEK PhD Prof Sociol

2H E SMITH MS Res Assoc Livestock Mktg

12H B SORENSEN PhD Assoc Prof Fruits and Vea Mkta 3J M SPROTT MS Area Farm Mat Spec

12RANDALL STELLY PhD Assoc Prof Dairy Mtka

3K L STEWART MS Area Fruit and Veg Mktg Spec (PO Weslaco)

1B M STILES MA Instr Sociol

3C A TAYLOR BS Area Farm Mgt Spec (PO Ft Stockton)
3W D TAYLOR MS Area Farm Mgt Spec (PO Nacoadoches)

12W L TROCK PhD Assoc Prof Res Econ 12W K UPHAM MS Asst Prof Social

23EDWARD UVACEK PhD Assoc Prof and Ext Livestock Mktg Spec

126E S WEBB EdD Prof.

12J S WEHRLY PhD Assoc Prof Prod Econ and Farm and Ranch Mat

126R R WILSON MS Asst Prof Agr Econometrics

3KENNETI: WOLF MBA Econ/Agribus

12A B WOOTEN PhD Prof Econ and Agr Policy

Agricultural Education 10010

136E H KNEBEL EdD Prof and Head of Dept 1H D BROWN EdD Assoc Prof

16P R CHILEN MS Assoc Prof

16J E CHRISTIANSEN PhD Assoc Prof

13B D COOK PhD Assoc Prof

16J W HOLCOMB MEd Assoc Prof

10 M HOLT EdD Assoc Prof

16R C JASKA MS Assoc Prof 6W F PAGE MEd Asst Prof and Farm Mech Spec 6J B PAYNE MEd Asst Prof and Subject Matter Spec

6B T TOMLINSON MS Asst Prof and Subject Matter

Spec

126E S WEBB EdD Prof

Agricultural Engineering 10020

123PRICE HOBGOOD MS Prof and Head of Dept

12W H ALDRED MS Asst Prof Farm Mach

3W S ALLEN MS Ext Agr Engin Farm Structures

5K R BEERWINKEL MS Agr Engin

5IVAN BERRY MS Res Agr Engin

5L F BOUSE MS Agr Engin 1P R CHILEN MS Assoc Prof Mech Agr

1C B EDWARDS BS Asst Prof Agr Ed Spec

12L J GLASS MS Instr Soil and Water Engin

5DANEL HAILE MS Res Agr Engin

12R C HANSON PhD Asst Prof Power and Mach

5A W HARTSTACK MS Agr Engin

12E A HILER PhD Asst Prof Soil and Water Engin

5J P HOLLINGSWORTH MS Agr Engin

1R C JASKA MS Assoc Prof and Coord Agr Ed Spec 3C W KEESE MS Ext Agr Engin Soil and Water Safety

120 R KUNZE PhD Assoc Prof Agr Proc and Farm Elec

2WAYNE LePORI MS Res Assoc Veg Mech

1W E McCUNE ME Prof Form Elec

3LEON NEW Area Ir rig Spec (PO Lubbock)

3H P O'NEAL BS Ext Agr Engin Power Mach

1W F PAGE MS Asst Prof Agr Ed Spec

2N K PERSON MS Asst Prof Grain and Feed Proc

3B G REEVES MS Ext Agr Engin Cotton Gin and Mech

12J W SORENSON Jr MS Prof Grain and Feed Proc

5R A STERMER MS Agr Engin

12R E STEWART PhD Distinguished Prof Environ

12B R STEWART PhD Asst Prof Farm Structures

Agricultural Engineering-Continued

1H T WIEDEMANN BS Agr Engin Agr Ed Spec 1C H YEATES BS Asst Prof Agr Ed Spec

Agricultural Information

10030

23H R TAYLOR MA Ed and Head of Dept

3W F BRADEN BS Area Inform Spec (PO Lubbock)
23H H BREVARD MEd Assoc Ed

3D V BYNUM BA Area Inform Spec (PO Denton) 23R H CULLEN Artist

12DOYLE GOUGLER MS Asst Ed Campus News

23T L GREEN Artist

3R B HICKERSON Asst Ed Radio

3Mrs DOROTHY A HOLL AND MEd Asst Ed Pubs 3J S HUNT BS Asst Ed Motion Picture Photog

3F A KIKER Artist

3MARY K MAHONEY MS Area Inform Spec (PO Weslaco)

3Mrs MARSHA P MARTIN BA Asst Ed Pubs

23J W POTTS MS Asst Ed News Coord

3JANE PRETZER BS Asst Ed Home Econ News

3JAMES RAATZ BFA Vis Spec

2Mrs HELEN B SCOTT BA Asst Ed Pubs 3S H SUTHERL AND BA Inform Spec Pesticide News

2Mrs PATRICIA P WIENING BA Asst Ed Pubs

### **Animal Science**

10040

1230 D BUTLER PhD Prof and Head of Dept

12J W BASSETT PhD Assoc Prof Sheep Goats Wool Mohair

3J R BEVERLEY MS Anim Husb Physiol of Reprod

12L H BREUER PhD Asst Prof Ruminant Nutr

23S E CARPENTER BS Area Dairy Spec (PO Overton)

12Z L CARPENTER PhD Assoc Prof Meats Invest

12T C CARTWRIGHT PhD Prof Anim Brdq 5H R CROOKSHANK PhD Anim Nutr

1F I DAHLBERG MS Prof Livestock Mgt

3J W DAVIS BS Ext Dairy Spec

12C W DILL PhD Assoc Prof Dairy and Food Chem

12W C ELLIS PhD Assoc Prof Ruminant Nutr

1R M EUDALY MS Instr Beef Cattle 12H A FITZHUGH PhD Asst Prof Anim Brdg

12J L FLEEGER PhD Asst Prof Physiol of Reprod

4H W FRANKE MS Asst Prof Beef Cattle

3J A GRAY MS Ext Anim Husb Sheep Goats (PO San Angelo)

3J L GROFF BS Ext Assoc Sheep and Goat Spec (PO Kerrville)

12FRED HALE MS Prof Emeritus Swine

16W W HOLTZAPPLE BS Beef Cattle Spec (Tex Educ Agency)

2R L HOSTETLER MS Asst Prof Meats Chem

3D B HUDMAN PhD Ext Anim Husb Swine 12N M KIEFFER PhD Assoc Prof Cytogenet

12G T KING PhD Assoc Prof Meat Invest

12V E KIRCHNER MS Instr Meat Invest

12W A LANDMANN PhD Prof Meat Chem

12G T LANE PhD Asst Prof Dairy Prod 123R E LEIGHTON PhD Prof Dairy Prod

1FRANK LITTERST BS Beef Cattle Spec (Tex Educ

Agency)

3L A MADDOX MS Ext Anim Husb Beef Cattle 3A M MEEKMA MS Ext Dairy Spec

2A A MELTON MS Forms Mor

3F A ORTS PhD Ext Meat Spec

3C M PATTERSON DVM Ext Vet

12G D POTTER PhD Asst Prof Ruminant Nutr

12H E RANDOLPH PhD Assoc Prof Dairy and Food Technol

12J K RIGGS MS Prof Beef Cattle

3L M SCHAKE PhD Area Livestock Spec (PO Lubbock)

12A M SORENSEN PhD Prof Physiol of Reprod

1 23T D TANKSLEY Jr Pl.D Assoc Prof Swine 3U D THOMPSON MEd Ext Anim Husb Beef Cattle

12CARL VANDERZANT PhD Prof Dairy Mfg

2D F WESELI PhD Assoc Prof Immunogenet

1L D WYTHE MS Asst Prof Livestock Selection 3B F YEATES BS Ext Anim Husb Horses

10050-10110 TEXAS

160

10050

Biochemistry and Biophysics Chemistry (Cal of Sci)-Continued 12N R BOTTINO PhD Asst Prof Fat Metabolism IR D MACFARLANE PhD Prof 12B J CAMP PhD Prof Poisonous Plants 1E A MEYERS PhD Prof 1 C M CATER PhD Asst Prof Protein Chem
12J R COUCH PhD Prof Poultry Nutr 1J B NATOWITZ PhD Asst Prof 1D H O'BRIEN PhD Assoc Prof 12C R CREGER PhD Assoc Prof Poultry Nutr IW M PASIKA PhD Assoc Prof 15H B CROOKSHANK PhD Biochem Mineral Nutr 1K H PEARSON PhD Asst Prof 1A S RODGERS PhD Assoc Prof 12J W DIECKERT PhD Assoc Prof Biochem and Biophys 1E A SCHWEIKERT PhD Asst Prof 1J R DURHAM MS Instr Metabolism 2TRAVIS GRIFFIN PhD Asst Prof Pesticide Metabolism 1 b L SHAPIRO PhD Prof 2H O KUNKEL PhD Dean Col of Agr Acta Dir TAES 1F SICILIO PhD Prof Prof Metabolism 1F J SMENTOWSKI PhD Asst Prof 12W A LANDMANN PhD Prof Phys Biochem IT L SMITH PhD Prof 2C C LITCHFIELD PhD Assoc Prof Chem of Lipids 1R D STIPANOVIC PhD Asst Prof 12C M LYMAN Prof Protein and Amino Acids 1T T SUGIHARA PhD Prof 12E F MEYER Jr PhD Asst Prof X-Ray Diffraction 1A D SUTTLE Jr PhD Prof and Vice Pres for Res 12J M PRESCOTT PhD Prof Proteins and Enzymes 1Y N TANG PhD Asst Prof 2P K RAJU PhD Res Assoc 1R N TRAXLER PhD Prof 2J C REAGOR PhD Asst Prof Anim Nutr 1M TSUTSUI PhD Prof 2RAYMOND REISER PhD Dist Prof Fat Metabolism 1R L WATSON PhD Asst Prof 1R D WHEALY PhD Prof 2M C THOMAS MS Instr Proteins 2Mrs MARY M TRANT BS Res Assoc 1R C WILHOIT PhD Assoc Prof 5Mrs ERMA S VANDERZANT PhD Biochem Ins Nutr 1R A ZINGARO PhD Prof 2U G WHITEHOUSE PhD Assoc Prof Electron 1B J ZWOLINSKI PhD Prof Microscopy Entomology 10090 123P L ADKISSION PhD Prof and Head of Dept Cotton 10060 Biology (Col of Sci) 1J VAN OVERBEEK PhD Dir Ins N P FIFE PhD Asst Dir 3L K ALMAND BS Area Ent (PO Lubbock) 1D V ALDRICH PhD Assoc Prof 5L A BARIOLA MS Ent Cotton Ins 1S O BROWN PhD Prof 3E P BORING III BS Area Ent (PO Vernon) 5D L BULL PhD Ent Cotton Ins 1E CHIN PhD Assoc Prof 1W J CLARK PhD Assoc Prof 2C J BURGIN BS Chief of Foulbrood Insp Foulbrood 1E COX PhD Asst Prof Cont IL S DILLON PhD Prof 12H R BURKE PhD Assoc Prof Ins Taxon 1W J DOBSON PhD Prof 25J R COPPEDGE HS Ent Cotton Ins 1E M ENGLEMANN PhD Asst Prof 3J A DEER MS Ext Area Ent (PO Weslaco) 1B G FOSTER MA Asst Prof 12H W DOROUGE PhD Assoc Prof Ins Toxicol 5L J GORZYCKI BS Ent Cotton Ins 1.I D GOESCHL PhD Asst Prof 3L R GREEN Asst Ent Surv IV E GRANT PhD Prof 3P.J.HAMMAN MS Asst Ent 12R L HANNA PhD Assoc Prof Cotton Ins 1H L GRAVETT PhD Prof 1H W HARRY PhD Assoc Prof 12L L KEELEY Phl) Asst Prof Ins Physiol 1S H HOPKINS PhD Prof 1H KLEEREKOPER PhD Prof 3C W NEEB BS Ext Area Ent (PO Ft Stockton) 1W R KLEMM PhD Assoc Prof 1G M KRISE PhD Prof 3W H NEWTON MS Ext Assoc Ent 12M A PRICE MS Assoc Prof External Parasites 1K J McCREE PhD Assoc Prof 1D D McLAIN PhD Asst Prof 12N M RANDOLPH MS Assoc Prof Forage Crops Ins 12H J REINHARD BS Prof Emeritus Ins Taxon 5R L RIDGWAY PhD Ent Cotton Ins IS M RAY PhD Assoc Prof 12D P SANDERS PhD Asst Prof External Parasites 1H A ROLLER PhD Prof 1I V SARKISSIAN PhD Assoc Prof 1 2J C SCHAFFNER PhD Assoc Prof Fruit Ins 1G L SCHROETER PhD Asst Prof 5R A STOKES Chem 1J J SPERRY PhD Prof 1M H SWEET PhD Assoc Prof 1W A TABER PhD Assoc Prof 1C H M van BAVEL PhD Prof 3J G THOMAS MS Ent 3H A TURNEY MS Ext Area Ent (PO Denton) 2H W VAN CLEAVE MS Asst Prof Pecon Ins 2J K WALKER MS Asst Prof Cotton Ins 5C J WHITTEN Ent Cotton Ins IW B WILSON PhD Asst Prof 10070 Chemistry (Col of Sci) 10100 Extension Administration 1A E MARTELL PhD Prof and Head of Dept 3V G YOUNG MS Asst Dir 3A E ADAMS BS Staff Asst (PO Prairie View) 1R B ALEXANDER PhD Assoc Prof 1J B BECKHAM MS Assoc Prof 1D W BROOKS PhD Asst Prof 3L L BURLESON MS Pers Devlpmt Off 3C H DOERGE BS Exec Asst 1P K CALAWAY PhD Prof 3Mrs FLORANCE W LOW MS Asst Dir for Home Econ 1D C CONWAY PhD Prof 3Mrs GLADYS D KOLANDER MS State Home Demon-IF FISHER PhD Asst Prof stration Aat 1C S GIAM PhD Asst Prof 3D C PFANNSTIEL PhD Asst Dir 1J K GLADDEN PhD Prof 3J H ROTHE BS State Agr Agt 1J S HAM PhD Prof 3A H WALKER MS State Agr Ldr 1K G HAMPTON PhD Asst Prof 1C K HANCOCK PhD Prof 10110 Extension Supervision 1R M HEDGES PhD Prof 3MARGARET BRACHER MS Dist Agt (PO Overton) 1K F IRGOLIC PnD Asst Prof 3J E BURLESON BS Dis Aqt (PO Stephenville)
3THELMA CASEY BS Dist Aqt (PO San Angelo) 1A F ISBELL PhD Prof 1H KAYE PhD Asst Prof 1J LAANE PhD Asst Prof 3MARY L COTHRAN MS Dist Act (PO Overton) 3Mrs TOM JOYCE CUNNINGHAM MS Dist Agt (PO 1D R LEE MS Assoc Prof Denton) 1H A LIEBHAFSKY PhD Prof 3N SUE FARRIS BS Dist Agt (PO Amarillo) 11 H LUNSFORD PhD Asst Prot 3ALMA F FLIPPO Dist Aqt (PO Weslaco)
3J M GLOVER Jr BS Dist Aqt (PO Gonzales)

Extension Supervision-Continued

3W W GRISHAM Jr BS Dist Agt (PO Amarillo)

3B C GUNTER MS Dist Agt (PO Lubbock)

3Mrs ANNIE MAE HATCHETT MHE Ed Dist Agt (PO College Station)

3FERN HODGES BS Dist Agt (PO Vernon)
3R L HUCKABEE BS Dist Agt (PO Son Angelo)

3Mrs ROBERTA JOHNSON BS Dist Agt (PO Ft

3 ANNIE LUCY LANE MEd Dist Agt (PO Stephenville)

3W H LEHMBERG BS Dist Agt (PO Overton)

3R S LOFTIS BS Dist Agt (PO Overton)
3TED MARTIN BS Dist Agt (PO Denton)

3Mrs AUBREY W RUSSELL MA Dist Agt (PO Lubbock)

3J D SELMAN Dist Agt (PO Lubbock)

3R D SIEGMUND BS Dist Agt (PO Ft Stockton)

3J G SIMMONS BS Dist Agt (PO Vernon)
3U R STOCKARD Dist Agt (PO College Station)

3LEOTA WHITE MS Dist Agt (PO Gonzales)

2A A MELTON MS Forms Mor

10120

### Feed and Fertilizer Control Service 2D R McDONALD Dir

10125

2JACK BLACKWOOD BS Insp (PO Hearne) 2B F BLANKENSHIP BS Inso (PO Amarillo) 20RAN COKER Jr Insp (PO Lockhart)

2N N COLUMBETTI MBA Asst Dir Aud

2PAT DIAL Asst Aud 2W R DURRENBERGER BS Feed and Fert Insp (PO

Westfield)

2J W HAIRSTON BS Feed and Fert Insp (PO Lubbock)
2J W JAMES Jr BS Admin Asst

2R E JONES BS Control Regulations

2R G KING BS Feed and Fert Insp (PO Austin)

2BILL LaROE BS Insp (PO Vernon) 2W C O'NEAL BS Insp (PO Corsicana)

2C C PERRY MA Chief Insp (PO Dallas)

2R M PUTNAM BS Feed and Fert Insp (PO Lufkin)
2A M RENFRO BS Feed and Fert Insp (PO Denton)

21 B RICE BS Feed and Fert Insp (PO Lindale)

2J R SCOTT Feed and Fert Insp (PO Ft Worth)

21 J SHENKIR BS Control Regulations

2L G SILLS BS Asst Aud

21 T TAYLOR BA Feed and Fert Insp (PO Beeville)

2J C WILLIAMSON BS Feed and Fert Insp (PO Brownwood)

2G B WILSON BS Feed and Fert Insp (PO San Angelo)

### Forest Service Administration

10130

6D A ANDERSON MS Inform and Educ Dept 6J O BURNSIDE BS Fire Control Dept (PO Lufkin) 6A E LUND DF For Prods Dept (PO Lufkin) 6DON YOUNG MF Mgt Dept

### Home Economics

10140

3Mrs FLORENCE W LOW ME Asst Dir for Home Econ Agr Ext

2ALICE C STUBBS PhD Actg Head Home Econ Res and Assoc Prof

3ELIZABETH BARNARD Foods and Nutr Spec

3MINNIE E BELL Spec in Fam Life Educ 3JANE BERRY MS Spec in Housing and Home Furn (PO Houston)

3RHEBA M BOYLES MA Cloth Spec

3Mrs GWENDOLYNE CLYATT MS Spec Consum Mktg Inform (PO Houston)

3FANNIE BEATON MA Cloth Spec

3MYRTLE E GARRETT Prog Spec Limited Income

3GRAHAM E HARD PhD Cloth Spec

3STARLEY M HUNTER EdD Ext Studies Spec

3JENNIE C KITCHING Spec in Fam Life Educ 3BONNY LAY MS Spec in Housing and Home Furn

3WANDA B MEYER MS Spec in Home Mgt

3LUCILLE H MOORE MS Recreation Spec

3Mrs DORIS MYERS BS Spec in Home Mat

3FRANCES L REASONOVER MA Foods and Nutr Spec 3LAURA J RUSSELL MS Area Spec in Housing and Home Home Economics-Continued

3SALLY SPRINGER Foods and Nutr Spec 2MARY STOVER MS Res Assoc Cloth 3CLAUDIA WILLIAMS MS Prog Spec

### Natural Biosciences, School of RANGE SCIENCE

10145

123C L LEINWEBER PhD Prof and Head of Dept

2T J ALLEN MS Asst Prof Brush Control

5J R BAUR PhD Res Plont Physiol

5R W BOVEY PhD Res Agron
2J ACK BOWMER MS Instr Veg Control
1P E BUCKLEY MS Instr Plant Ecol

12J D DODD PhD Asst Prof Plant Ecol

12G B DONART PhD Asst Prof Range Mgt

12E J DYKSTERHUIS PhD Prof Range Ecol 12F W GOULD PhD Prof Agrostol

2R H HAAS MS Asst Prof Brush Control

3G O HOFFMAN MS Ext Range Spec

26A E LUND PhD Assoc Prof For Prod

26A E LUND PRID ASSOC FROM SELECTION 1 2W G MCCULLY PhD ASSOC Prof Grassland Mgt 12R G MERRIFIELD DF Prof For Mgt 12D M MOEHRING BS Asst Prof For Ecol

23B J RAGSDALE MS Range Spec

12R RRHODES MS Assoc Prof For

3J D RODGERS PhD Ext Range Spec

### RECREATION AND PARKS

123L M REID PhD Prof and Head of Dept
12R L BURY PhD Assoc Prof Outdoor Recreation

I ROBERT COUCH MS Instr Community Recreation 12C A GUNN PhD Prof Tourist and Recreation Devlpmt

2LOUIS HODGES MS Instr 12bILLIE INGRAM PhD Asst Prof Recreation and Park Admin

3B D KAMP MS Ext Spec in Recreation and Parks

2H. D.MAHAFFEY Res Assoc Interpretation

12I W SCHMEDEMANN PhD Asst Prof Resource Econ and Agr Policy

3J C STRIPLING ES Ext Spec Resource Devlomt

123F W SUGGITT DPA Prof Recreation Planning and Resource Devlpmt

1C S VAN DOREN PhD Assoc Prof Regional Recreation Devlomt

1J S WILLIAM MS Lect Community Recreation

### WILDLIFF SCIENCE

12KIRK STHAWN PhD Assoc Prof and Actg Head of Dept 12E D AILLES PhD Asst Prof Ecol and Wildlife Mat

12KEITH ARNOLD PhD Asst Prof Omithol

: 2R J PALDAUF PhD Prof Fisheries Biol and Herpetol 12D C CARTER PhD Assoc Prof Mammal

12D R CLARK PhD Asst Prof Ecol

12W J CLARK PhD Assoc Prof Limnol and Aquatic Ecol 1J V CONNER MS Instr Fisheries Biol

12J R DIXON PhD Assoc Prof Herpetol Vertebrate Syst E∞l

2NATHAN FORREST MS Res Assoc Wildlife Econ 12J M INGLIS PhD Asst Prof Ecol and Wildlife Mgt

12H DIRBY PhD Asst Prof Ecol and Wildlife Mat 2W H KIEL Jr MS Res Assoc Ecol and Wildlife Mat

3W G KLUSSMANN MS Spec in Wildlife Conserv 3CHARLES RAMSEY MS Wildlife Spec

12J G TEER PhD Assoc Prof Ecol and Wildlife Mat 2J E TIL TON MS Res Assoc Fisheries Biol

### Plant Sciences

10150

123D W ROSBERG PhD Prof and Head of Dept

3E J AMADOR PhD Area Plant Path (PO Weslaco)
12H G APPLEGATE PhD Assoc Prof Air Pollution

5C R BENEDICT PhD Plant Physiol

3R W BERRY PhD Area Plant Path (PO Lubbock)

2L S BIRD PhD Prof Plant Path

5R A BOLLER MS Plant Path

12G A DONOVAN PhD Asst Prof Molecular Genet 5D R ERGLE PhD Plant Physiol Cotton

12R A FREDERIKSEN PhD Asst Prof Plant Path 5F J GOUGH PhD Plant Path Small Grain Dis

4W C HALL PhD Prof and Dean Grad Col

12R S HALLIWELL PhD Assoc Prof Virol

Plant Sciences-Continued

12G E HART PhD Asst Prof Cytogenet 3C W HORNE PhD Ext Plant Path 12H E JOHAM PhD Prof Plant Physiol 5M L KINMAN PhD Agron Oilseed 5R J KOHEL PhD Genet Cotton 12G W KUNZE PhD Prof Soil Mineral and Assoc Dean 3J D JOHNSON PhD Ext Plant Path
12W R JORDAN PhD Asst Prof Plant Physiol Grad Col 3J E LARSEN PhD Hort 3K E LINDSEY MS Ext Area Agron (PO Ft. Stockton) 5D L KETRING PhD Plant Physiol 12N M KIEFFER PhD Assoc Prof Cytogenet 3T D LONGBRAKE BS Area Veg Spec (PO Weslaco) 12S D LYDA PhD Assoc Prof Soil Microbiol 2C M LYMAN PhD Prof Biochem and Nutr 1N A McNIEL PhD Assoc Prof Genet 2C S MILLER PhD Assoc Prof Plant Physiol 1T E McAFEE PhD Prof Cereal Crops
12G G McBEE PhD Asst Prof Turf and Forage Quality 12P W MORGAN PhD Assoc Prof Plant Physiol 2M E McDANIEL PhD Asst Prof Cereal Crops 12R E PETTIT PhD Asst Prof Soil-borne Dis 12R D POWELL PhD Assoc Prof Plant Physiol 2W G MENN MS Instr Turf Res 2W G MERKLE PhD Assoc Prof Weed Control 5H W SCHROEDER PhD Plant Path Rice Dis 50 G MERKLE PhD Res Agron Small Grains 12J D SMITH PhD Assoc Prof Genet 3R E METZER PhD Area Agron (PO Lubbock) 24F R MILLER MS Res Assoc 12W H THAMES Jr PhD Prof Plant Nematol 12R W TOLER PhD Asst Prof Cereals Virol 12J F MILLS MS Assoc Prof Soil Conserv 4W J TOLMSOFF PhD Plant Path Metabolism Plant 5G F NEWBERRY BS Admin Asst 12A E NIGHTINGALE PhD Asst Prof Ornam Pathogens 12E P VAN ARSDEL PhD Assoc Prof for Path 2G A NILES PhD Assoc Prof Plant Brda 3A C NOVOSAD MS Pasture Spec 25J P VAN BUIJETENEN PhD Assoc Prof for Genet 1G M WATKINS PhD Prof Plant Path and Prog Dir 12M F OBERBACHER PhD Assoc Prof Post Horvest Dominican Republic Prog Physiol 3R D PALMER PhD Agron Weed Control 10160 2D R PATERSON PhD Assoc Prof Mineral Nutr Poultry Science 123J H QUISENBERRY PhD Prof and Head of Dept 12B A PERRY PhD Prof Veg Brdg 2L M PIKE PhD Asst Prof Vea Crops 3J N PRATT PhD Agron 3J D PRICE PhD Agr Chem 12R L ATKINSON PhD Assoc Prof Turkey Feeding and Brdg 12J W BRADLEY MS Asst Prof Farm Mgt 3W O CAWLEY MS Poultry Spec 5T R RICHMOND PhD Agron Cotton 12J R COUCH PhD Prof Nutr 3J R ROGERS MS Asst Area Agron (PO Lubbock) 12L W ROONEY PhD Cereal Chem 12C R CREGER PhD Asst Prof Nutr 1R H RUCKER MS Prof Landse Arch 2B H DORAN MS Instr Random Sample Tests 12J R RUNKLES PhD Prof Soil Phys 12R C FANGUY PhD Assoc Prof Blood Antigens 15K F SCHERTZ PhD Genet Sorghum Invest 12T M FERGUSON PhD Prof Physiol and Histopath 6Y C SMITH PhD Agr TVA Fert 12F A GARDNER PhD Assoc Prof Mktg Tech 3B R SPEARS MS Agron 2F A GOLAN PhD Supvr Natl Poultry and Turkey Impr 3C O SPENCE MS Ext Area Agron (PO Sherman)
12R D STATEN PhD Assoc Prof Legumes Plms 12J R HOWES PhD Prof Environ Physiol 12J B STOREY PhD Assoc Prof Pomol 12W F KRUEGER PhD Prof Incubation Brdg and Pop Genet 2ANN A M LOGAN MS Res Assoc 2A R SWOBODA PhD Asst Prof Phys Chem of Soil 2N A TULEEN PhD Asst Prof Small Grains Cytol 23D F MELLOR PhD Poultry Mktg Spec and Assoc Prof 3J H VALENTINE MS Ext Area Soil Chem (PO Lubbock) 3M M MILLER MS Ext Poultry Mktq 12W L VITOPIL BS Instr Flor Ornam 12C B RYAN PhD Assoc Prof Poultry Environ 23D N WEAVER MS Area Agron (PO Weslaco) 3B C WORMELI MS Poultry Spec 3C D WELCH PhD Soil Chem Soil Testing 2E L WHITELEY PhD Assoc Prof New Crops and Soils 10180 Soil and Crop Sciences Mat 123M E BLOODWORTH PhD Prof and Head of Dept 5F D WILSON PhD Res Genet Plant Host Resistance 12W B ANDERSON PhD Asst Prof Soil Fert and Nutr 25I M ATKINS PhD Agron and Prof Small Grain 5E C BASHAW PhD Genet Forage Grasses 10190 Veterinary Medicine, College of Research (Gen) 12H T BLACKHURST PhD Prof Veg Brdg 123A A PRICE DVM MS Dean of Col and Dir for Vet Res 2A J BOCKHOLT PhD Asst Prof Com Brdq Physiol 12H H BOWEN PhD Asst Prof Pomol 1F D MAURER DVM PhD Assoc Dean Path 3JOHN BOX BS Assoc Agron Soil Mgt 2Mrs META S BROWN PhD Prof Cotton Cytogenet 12E E BURNS PhD Assoc Prof Food Technol 10200 Angtomy 2C D CARSON MS Instr 1J H MILLIFF DVM PhD Prof and Head of Dept 3C R CARTER PhD Soil and Water Conserv Spec 1G R BRATTON DVM Instr 12L E CLARK PhD Asst Prof Plant Brdg 1L G GARCIA DVM Instr 3J E COLE MS Ext Area Agron (PO Denton) 1R G GREELEY DVM Assoc Prof 2J W COLLIER PhD Assoc Prof Fdn Seed 12A F DEWERTH MS Prof Plant Propagation 1A G KEMLER DVM MS Prof 1J E MARTIN DVM Asst Prof 1J B DIXON PhD Prof Clay Mineral 1RAYMOND SIS DVM PhD Assoc Prof 2C R DOUGLAS PhD Asst Prof Cotton Cytol 1M E TATUM DVM Instr 2E F EASTIN PhD Asst Prof Weed Sci 3F C ELLIOTT MS Cotton Spec 5M H FERGUSON PhD Mid-Continent Dir US Golf Assoc Medicine and Surgery 10220 5P A FRYXELL PhD Res Genet Cotton Taxon 12M R CALLIHAM DVM BS Prof and Head of Dept 2E C GILMORE PhD Asst Prof Genet and Plant Brdg 1W C BANKS DVM MS Prof 12C L GODFREY PhD Prof Soil Classif 1C L BOYD DVM Assoc Prof 3CARL GRAY PhD Soil Chem 1T L BULLARD DVM Asst Prof 1D K CHESTER DVM Asst Prof 1H E HAMPTON PhD Prof Soil Fert 3B G HANCOCK MS Ext Hort 1J H DENTON DVM Assoc Prof 2E C HOLT PhD Prof Grasses

Soil and Crop Sciences - Continued

3E E JANNE MS Landsc Hort

1E W ELLETT DVM MS Prof

1C L HALL DVM Instr

2L R HOSSNER PhD Assoc Prof Soil Chem

2W L. HOOVER PhD Asst Prof Soil Chem

Medicine and Surgery-Continued		Water Resources Institute—Continued
1M R HERRON DVM Asst Prof		12W B DAVIS PhD Assoc Prof Environ Engin
1G M GOWING DVM MS Assoc Prof		12R J FREUND PhD Prof Statis
1H P HOBSON DVM Assoc Prof		2C J GERARD PhD Assoc Prof Soil Phys
1D R HOWARD DVM Asst Prof		12K E HEIDEMAN MS Instr Econ
1K W KNAUER DVM Instr		12E A HILER PhD Asst Prof Agr Engin
1R C MALLETT DVM Assoc Prof		12W D LANGLEY MS Engin Res Assoc Environ Engin
1D R McDONALD DVM Instr		and Chem  12W L MEIER PhD Assoc Prof Oper Res and Syst Anal
1E L MORRIS DVM Instr		12J E PEARSON PhD Prof Econ
1D L PIERMATTEI DVM MS Assoc Prof		12J R RUNKELS PhD Prof Soil Phys
1J C RAMGE DVM PhD Prof		
1W M ROMANE DVM MS Prof		12F A SCHMER MS Instr Agr Engin 12W L TROCK PhD Assoc Prof Resource Econ
IWL SIPPEL DVM PhD Prof		2C W WENDT PhD Asst Prof Soil Phys (PO Lubbock)
1M F YOUNG DVM Asst Prof		12G L WISTRAND MS Instr Agr Econ
W. 1. 1	10.000	Tage Motth No Mo Mad Tige Book
Microbiology	10230	Miscellaneous 10290
12L C GRUMBLES DVM MS Prof and Head of Dep	ı.	3D L SULLARD Asst State 4-H Club Ldr
2J E GRIMES PhD Asst Prof Serol		3R E BURLESON MS Rpts and Eval Spec
12C F HALL DVM MS Prof Poultry Path		30 B CLIFTON MS Prog Spec
1 R J HIDALGO DVM PhD Asst Prof Microbiol		13B D COOK PhD Studies and Training Spec
1J W HUFF DVM MS Assoc Prof Microbiol		3H T DAVISON MEd Asst State 4-H Club Ldr
1P F JUNGERMAN DVM MS Prof		3K L DENMARK MS Area Def Spec
2D H LEWIS PhD Asst Prof Bacteriol 2R W MOORE DVM MS Prof Microbiol		3R W FOWLER Area Resource Devlpmt Spec
		3J L JONES Res Devlomt Spec
2G E MOTT MS Res Assoc Biochem		13E H KNEBEL EdD Head Agr Ed Dept and Ext Studies
1 F M RANCK DVM MS Asst Prof Poultry Path		and Training Spec
2H E REDMOND DVM Prof Microbiol		3F D LYNCH MEd State 4-H Club Ldr
2W B THOMAS PhD Res Assoc Biochem		3G R McARTHUR BS Asst State 4-H Club Ldr
D 1.1	100.40	3J T PELHAM Asst State 4-H Club Ldr
Porasitology	10240	3J E POORE Asst Dis Ldr Predatory Anim and Rodent
12R R BELL DVM MS Prof and Actg Head		Control
12T J GALVIN DVM PhD Assoc Prof		3J D PRICE PhD Ldr Agr Chem
12J P SMITH DVM MS Asst Prof		3J W ROSE Propery Mgt Off
		3R A SANDERS Area Prog Spec
Pathology	10250	3E F SCHLUTT PhD Assoc State 4-H Club Ldr
12C H BRIDGES DVM PhD Prof and Head of Dept		3D H SEASTRUNK Farm and Home Devlpmt Spec
2W W BAY DVM PhD Asst Prof Path		3JACK SLOAN MS Resource Devlpmt Spec
1KENNETH CHARLTON DVM Instr Path		3W A SMITH BS For Spec
1R A DENNIS DVM PhD Asst Prof Immunopath		
2T W DUKES DVM Res Assoc Ophthalmic Path		
2G E ERICSSON MS Res Assoc Anim Husb		Research Centers 10295
12R G FELDMAN MS Assoc Prof Path		Beaumont (Rice-Pasture Res and Ext Center)
1C A GLEISER DVM MS MPH Prof Path		2J P CRAIGMILES PhD Supt
12K M KERR DVM MS Asst Prof Path		5J G ATKINS PhD Plant Path Rice Dis
ILJMYERS DVM Instr Clinical Path		5C N BOLLICH PhD Agron Rice Brdg
12P J O'HARA BVSc Asst Prof Path		2C C BOWLING MS Asst Prof Ins Control
12K R PIERCE DVM PhD Assoc Prof Path		5D L CALDERWOOD MS Agr Engin Rice Drying
12W K READ DVM PhD Asst Prof Ultrastructural I	<sup>o</sup> ath	2N S EVATT MS Assoc Prof Soils and Fert
2R M ROBINSON DVM MS Asst Prof Path		2W T FLINCHUM PhD Asst Prof Weed Control
12E L STAIR Jr DVM PhD Assoc Prof Path		5F J LOUVIER BS Agr Engin Rice Drying
1 R W STORTS DVM PhD Assoc Prof Neuro-Path	ı	5WILLIAM McGAUGHEY PhD Ent
1 R P THOMPSON DVM Instr Path		2F W REAVES BS Staff Asst Internati Training
Physiology and Pharmacology	10260	2J E SCOTT MS Res Assoc Rice Brda 2J W STANSEL PhD Asst Prof Rice Genet
1J D MCCRADY Prof and Head of Dept		
1J G ANDERSON DVM Instr		5B D WEBB PhD Chem Rice Quality
1LARRY CLABORN DVM Asst Prof		2J R WOOD MS Assoc Agron Forage Crops
1D R CLARK DVM Asst Prof		Bushland (Southwestern Great Plains Res Center)
1R H DAVIS DVM MS Prof		5B A STEWART PhD Dir and Res Soil Sci
1DAN HIGHTOWER DVM MS Assoc Prof		5R R ALLEN BS Assit to Dir and Agr Engin
1L F MILLER Instr		2K B PORTER PhD Prof in Chq
1M SZABUNIEWICZ DVM DVSc Assoc Prof		2N E DANIELS MS Assoc Prof Ent
1D O WIERSIG DVM Assoc Prof		5H V ECK PhD Res Soil Sci
		5V L HAUSER MS Res Agr Engin
Public Heolth	10270	5W C JOHNSON PhD Res Soil Sci
1A I FLOWERS DVM MS Prof and Head of Dept		5A C MATHERS PhD Res Soil Sci
1 Å B CHILDERS DVM Instr		5J T MUSICK MS Res Agr Engin
2F C HECK PhD Asst Prof		2CECIL REGIER BS Res Assoc (PO Etter)
1P A LINERODE DVM Asst Prof		2J W ROBERTSON BS Res Assoc
1MARTIN MCBRIDE DVM Asst Prof		5A D SCHNEIDER MS Agr Engin
1L H RUSSELL DVM MPH Assoc Prof		2J L SHIPLEY PhD Asst Prof
1W G SHELDON DVM Asst Prof		5P W UNGER PhD Res Soil Sci
		2A F WIESE PhD Prof Weed Control
Water Resources Institute	10275	Lubbock (South Plains Res and Ext Center)
12E T SMERDON PhD Dir and Prof Agr Engin and	Water	2C E FISHER MS Prof in Cha Brush Control
Resources		5J D BILBRO Jr PhD Res Agron Cotton
12R J BALDAUF PhD Prof Fisheries Biol		2D G BOTTRELL PhD Asst Prof Crop Ins
12R A CLARK PhD Assoc Prof Hydromet and Hyd	rol	5A D BRASHEARS MS Agr Engin Cotton Mech
12W J CLARK PhD Assoc Prof Limnol		
1 2J V CONNER MS Instr Fisheries Biol and Herpe	etol	

Goats

Research Centers-Continued

10275-10300	TI
Research Centers—Continued	
5R D BRIGHAM PhD Assoc Prof Soybeans	
2M C FUQUA PhD Asst Prof Veg and Fruit	
2J R GIPSON PhD Asst Prof Physiol	
5C R HOWELL PhD Path	
25E B HUDSPETH MS Agr Engin Cotton Mech	
2J W JOHNSON PhD Asst Prof Grain Sorghum	
2D L JONES MS Agron Cotton	
51 W KIRK PhD Agr Engin Cotton Mech	
2J H KYLE PhD Asst Prof Hort Veg Prod	
2J S NEWMAN MS Asst Prof and Asst Supt	
50 H NEWTON BS Met	
2A B ONKEN PhD Asst Prof Soil Fert	
5C C ORR PhD Nematol	
2L L RAY PhD Assoc Prof and Actg Supt Cotton Bro	lg
2D T ROSENOW MS Asst Agron Grain Sorghum	
2C J SCIFRES PhD Asst Prof Brush Control	
2D T SMITH PhD Asst Prof Weed Physiol	
5B R STAPP Agr Res Tech Castorbean Invest	
2H D SUNDERMAN MS Asst Agron Soil and Fert	
5D F WANJURA MS Agr Engin Cotton Mech	
2C W WENDT PhD Asst Prof Soil and Water	
20TTO WILKE Asst Prof Soil and Water	
McGregor (Livestock and Forage Res Center)	
2H O HILL BS CE Supt Soil and Water Structures	
2L B FENN PhD Asst Prof Soil Chem	
2J E HUSTON MS Res Assoc Sheep and Goats	
2R F LYNCH BS Asst Agron and Field Supvr Cotton	
2M J NORRIS MS Assoc Prof Grass Forages and Grai	n
Crops	
2J M SHELTON PhD Anim Genet Sheep and Angora (	JOUL
2R C THOMAS PhD Asst Prof Beef Cattle Genet	
Overton (East Texas Res and Ext Center)	
2BILL OTT PhD Supt for Res	
23S E CARPENTER BS Assoc Dairy Husb and Area	
Dairy Spec	
2R L DUBLE PhD Asst Prof Forage Physiol	
2J A LANCASTER MS Assoc Agron Forage Crops	
2J E MATOCHA PhD Asst Prof Soil Chem	
2M M McCARTOR PhD Asst Prof Anim Sci	
Temple (Blackland Res Center)	
25R W BAIRD MS Supt and Hydraulic Engin	
5J E ADAMS PhD Res Soil Sci Phys	
5J D BARTEK BS Soil Sci	
5EARL BURNETT PhD Ldr Soil Mgt Invest	
2EDCOOKPhD Agron Cotton and Forage	
\$L D DOLAN BBA Admin Asst	
2R J HERVEY MS Assoc Soil Microbiol Cotton Root	Rot
5J T RITCHIE PhD Res Soil Sci	
Weslaco (Lower Rio Grande Valley Res and ExtCenter)	
2W R COWLEY MS Supt for Res	
5W A ALLEN MS Res Phys	
5R F ALBACH PhD Res Chem	
5J F BARTHOLIC PhD Res Soil Sci	
5H E BROWN PhD Res Chem	
2R T CORREA MS Asst Hort	
5R R CRUSE MS Res Food Technol	
2H A DEAN MS Assoc Ent	
5H W GAUSMAN PhD Res Plant Physiol	
2C J GERARD PhD Assoc Soil Phys	
5F P GRIFFITHS PhD Chem in Chg	
6D J HADDOCK BS Adv Agr Met (Weather Bur)	
5W G HART MS Res Ent	
5C M HEALD PhD Res Plant Path	
5M D HEILMAN MS Res Soil Sci	
2B W HIPP PhD Asst Soil Chem	
2J L HUBBARD MS Assoc Agron	
2B L JONES PhD Path	
5G W LANGDALE PhD Res Soil Sci	
5R W LEAMER PhD Res Soil Sci Soil Phys	
ab W I PEDER MS Assoc Hort	

```
5ASCENSION PEYNADO BS Res Chem
    5D K REED MS Res Ent
    5R J REKTORIK MS Res Agr Engin (Drain)
   2M F SCHUSTER MS Asst Ent Biol Control
    5B A SMITH MS Res Chem
5R C SMITH BS Chem
   5T S STEPHENS MS Res Food Technol
    5C E THOMAS PhD Res Plant Path
   5J R THOMAS PhD Res Soil Sci
    5C L WIEGAND PhD Res Soil Sci
   5H K WUTSCHER PhD Res Hort
   5R H YOUNG PhD Res Physiol
Field Stations
                                                       10300
Angleton (Gulf Coast Pasture—Beef Cattle Res Stat)
   2M E RIEWE MS Assoc Prof in Chg Forage Util
   2HAGAN LIPPKE PhD Asst Prof Anim Nutr
    2J C TODD MS Res Assoc Beef Cattle
Beeville (Coastal Bend Expt Sta)
   2E M NEAL BS Supt
   2B E CONRAD MS Asst Agron and Anim Husb
2LUCAS REYES Res Assoc
Center (Poultry Dis Lab)
   2R L CLIFFORD Jr DVM Assoc Poultry Path
 Chillicothe (Rolling Plains Soil and Crops Res Sta)
   2J R MULKEY Jr PhD Asst Soil Prof in Chg
   2K A LAHR BS Res Assoc Small Grains
   5C R LEWIS Agr Aide Oilseeds
Crystal City (Rio Grande Plains Res-Demonstration Sta)
2J D CARPENTER Farm Foreman
Denton (North Central Texas Res Sta)
   2J H GARDENHIRE MS Asst Agron in Chg Small
         Grains
   2P A RICH: MS Thes Assoc Soils
  23C O SPENCE MS Asst Agron (Sherman)
El Paso (Far West Texas Res Sta)
    2P J LYERLY PhD Supt and Res Coord of Trans-
         Pecos Area Cotton Impr
   2D E LONGENECKER PhD Assoc Prof Soils and Irria
   2T L PATE PLD Asst Prof Ent
   2R M TAYLOR PhD Asst Prof Crop Physiol
5E F YOUNG Jr PhD Agron Cotton Impr
Gonzales (South Texas Poultry Dis Lab)
   2S E GLASS DVM Assoc Poultry Path
Iowa Park (Wichita Valley Expt Sta)
   2V I WOODFIN BS Res Assoc
Lubbock (Texas Tech College)
  27H W GRUBB PhD Asst Prof Prod and Res Econ
  27EUGENE COLEMAN PhD Assoc Prof Cotton Physiol
  27CLARK HARVEY PhD Prof Soybean Invest
  27C C JAYNES MS Assoc Prof Pasture and Forage
         Crops
  27JAMES OSBORN PhD Asst Prof Prod Gen and
         Resource Econ
Lufkin (East Texas Pasture Sta)
2E K CROUCH BS Assoc Anim Husb in Chg
Montague (Fruit Res—Demonstration Sta)
   2U A RANDOLPH MS Assoc Hort in Chg Deciduous
        Fruits
Pecos (Trans-Pecos Expt Sta)
2J J I.FFNCR PhD Asst Prof Plant Path
Prairie View (Expt Sta) See Prairie View A&M College
Sonora (Ranch Expt Sta)
   2L & MERRILL PhD Assoc Prof in Chg Ronge Sci
   2J W MENZIES MS Res Assoc Anim Sci
   2P O REARDON MS Res Assoc Range Sci
Spur (Rolling Plains Livestock Res Sta)
   2P T MARION MS Supt Beef Cattle
   2S P HAMMACK MS Res Assoc Beef Cattle
   2M M KOTHMANN PhD Assoc Prof Range Sci
   2G W MATHIS MS Res Assoc Range Mgt
Stephenville (Poultry Dis Lab)
2J T FROWDER DVM Assoc Poultry Path
Stephenville (West Cross Timbers Expt Sta)
   2B C LANGLEY MS Supt Peanut Brdg
   2T E DENMAN BS Assoc Hort Deciduous Fruits
2C E SIMPSON PhD Asst Prof Peanut Genet
```

2P W LEEPER MS Assoc Hort

5R M MENGES PhD Hort Weeds 5FIMEREDITH BS Chem

5V I MYERS MS Res Agr Engin Irrig

5L N NAMKEN MS Res Soil Sci Soil Phys

5B J LIME BS Res Chem 2N P MAXWELL MS Assoc Hort Citrus

5D R LEMKE BS Admin Aid

10300-10340

10315

10320

10322

10330

10340

### TEXAS-UTAH

ouperating Stations—Continued

Riesel--Blacklands Expt Watershed

25R W BAIRD MS Supt and Hydraulic Engin

Field Stations-Continued 7J L TACKETT PhD Prof Soil Phys Weslaco (Texas Col of Arts and Indus-Citrus and Veg Training Center) 7R A HENSZ PhD Dir Hort 27J E FUCIK PhD Asst Prof Hort 7R F LEYDEN PhD Assoc Prof Agron 27R B REINKING MS Asst Prof Ent Yoakum (Plant Dis Expt Sta) 2A L HARRISON PhD Plant Path 2T E BOSWELL PhD Asst Plant Path and Nematol 10310 Cooperating Stations Big Spring (USDA Big Spring Field Sta) 5D W FRYREAR Res Agr Engin and Supt 5R GHADLEY Agr Res Tech Soils 5P T KOSHI PhD Res Soil Sci Brownsville (Ent Res Div USDA-ARS) 5M J LUKEFAHR PhD Ldr Southwestern Cotton Ins Invest 5C A BENSCHOTER BS Ent 5H R BULLOCK PhD Ent 5H T DULMAGE PhD Microbiol 5A T FERNANDEZ PhD Ent 5N E FLITTERS MS Ent 5H M GRAHAM PhD Ent 5A A GUERRA PhD Ent 5D W HENDRICKS BS Ent 5P D LINGREN PhD Ent 5R L McGARR BS Ent 5M T OUYE PhD Ent 5W L. PARROTT PhD Ent 5J R RAULSTON MS Ent 5R E REDFERN MS Ent 5C A RICHMOND BS Ent 5T N SHAVER PhD Chem 5D A WOLFENBARGER PhD Ent Brownsville (Plant Pest Control Div USDA-ARS) 5W O RIDGWAY BS In Chg Pink Bollworm Lab 5A L BROMAN Agr 5C L MANGUM MS Ent Brownwood (Pecan Field Sta) 5G D MADDEN MS Res Hort College Station USDA Cotton Lab USDA -C&MS 5F S EDDINS BS Supvr Cotton Tech Off in Chg 5F W SCHULTZ BS Cotton Tech Kerrville Anim Dis and Parasite Res Div USDA —ARS Toxicol Invest Lab 5J SPALMER DVM Res Vet in Chg Toxicol 5D E CLARK MA Chem 5L M HUNT BS Chem 5R T McCARTY DVM Res Vet Toxicol 51 C SCHLINKE DVM Res Vet Toxicol 5F C WRIGHT MA Res Chem 5R L YOUNGER DVM Res Vet Toxicol Entomology Res Div USDA-ARS Livestock Ins Invest 50 H GRAHAM PhD Ent and Invest Ldr SRR BLUME MS Ent 5W F CHAMBERLAIN PhD Ent Ins Physiol 5H V CLABORN BS Chem in Cha Anal Invest 5D I DARROW MS Ent 5R O DRUMMOND PhD Ent 5J L ESCHLE PhD Ent 5R E GINGRICH PhD Ent Ins Path 5W J GLADNEY PhD Ent 5R L HARRIS PhD Ent 5M CIVEY BS Chem 5S E KUNZ PhD Ent 5D H MANN BS Chem 5J A MILLER MS Agr Engin

5D D OEHLER BS Chem 5J E WRIGHT PhD Ent

5W S BIGLEY MS Ent

5A R ROTH MS Ent

5M M CRYSTAL PhD Ent 5JOYCE A DeVANEY MS Ent 5G W EDDY MS Ent

5B G HIGHTOWER PhD Ent

Mission-Mission Sublab for Screwworm Res

5W G KNISEL Jr MS Hydraulic Engin 5C W RICHARDSON Agr Engin 5J R WILLIAMS BS Hydraulic Engin Waco-Cotton Ins Res Br 5C B COWAN Jr BS Ent in Chg Cotton Ins Res 5J W DAVIS BBA Agr Res Tech Plant Pests Plant Pest Control Div USDA-ARS 5W H HARE Plant Pest Control Supvr (PO San Antonio) 5J G ROSIER Asst Plant Pest Control Supvr (PO San Antonio) 5B C STEPHENSON Dist Supvr (PO Harlingen) 5J F ELLARD Dist Supvr (PO Houston) 5J M LANDRUM Dist Supvr (PO Waco) 5D H RUSSELL Dist Supvr (PO Lubbock) Prairie View Agricultural and Mechanical College, Prairie View, Texas 77445 1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA A I THOMAS PhD Pres Agriculture 1G L SMITH MS Deam of Sch of Agr (713-UL 7-3311 Ext 225) 1L W ENGRAM MS Dairy Husb (713-UL 7-3311 Ext 292) 1E J JOHNSON MS A GT Engin (713-UL 7-3311 Ext 293) 4K I KIRKWOOD PhD Agron Soils (713-UL 7-3311 Ext 287) 125R W LEWIS PhD Poultry Husb and Anim Nutr 17.15 NOBRIS PhD Resident Teacher Trainer (713-UL 7-3311 Ext 294) 125E W OWENS PhD Hort (713-UL 7-3311 Ext 332) 1A N POINDEXTER DVM Vet Sci (713-UL 7-3311 Ext 298) 1J R POWELL MS Asst Teacher Trainer (713-UL 7-3311 Ext 294) 1250 E SMITH MS Agron and Res Worker (713-UL 7-3311 Ext 294) 1LINDSEY WEATHERSPOON MS Anim Husb (713-UL 7-3311 Ext 287) 125J C WILLIAMS MS Anim Husb and Res Worker (713-UL 7-3311 Ext 225) 125J J WOODS MS Poultry Husb and Res Worker (713-UL 7-3311 Ext 295) Experiment Station 125J C WILLIAMS MS Supt and Prof Beef Cattle 125R W LEWIS PhD Prof Poultry Nutr 125E W OWENS PhD Prof Fruit Prod 1250 E SMITH MS Assoc Prof Small Grains and Cereal Crops 125J J WOODS MS Assoc Prof Poultry Mgt and Prod Extension Service 3A E ADAMS BS Staff Asst (713-UL 7-3311 Ext 285) 3W B CLARK BS Area Prog Spec Home Economics

1FLOSSIE M BYRD PhD Dean of Sch of Home Econ Miscellaneous 10 J BAKER MLS Libr HATU The College of Agriculture, the Agricultural Experiment

Station, and the Cooperative Extension Services of the Utah State University of Agriculture and Applied Science, Logan

College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7Misc

1G L TAGGART PhD Pres

1R GHANSEN PhD Vice Pres for Academic Affairs

Botany-Continued

1W S BOYLE PhD Prof Cytogenet 2J L CHIDESTER Res Asst Virol

12E M MORRISON MS Prof Form Mgt

12D B NIELSEN PhD Asst Prof Resource Econ

10360

(801-752-4100 Ext 211) 2G W COCHRAN PhD Prof Virol 25E H CRONIN PhD Res Plant Physiol 25R W FARRAR BS Res Asst 123D A BROADBENT MS Vice Pres for Bus Affairs 12D W TUORNE PhD Vice Pres for Res (801-752-4100 Ext 25G D GRIFFIN PhD Res Nematol 25Miss LYNN L HOEFERT PhD Bot 2K W HILL PhD Dir of Expt Sta (801-752-4100 Ext 221) 12A H HOLMGREN MS Prof Bot and Curator of Inter-2C E CLARK PhD Asst Dir of Expt Sta mountain Herbarium 3W H BENNETT PhD Dir of Ext Serv (801-752-4100 25E C JORGENSON MS Res Nematol Ext 266) 25L B KREPS MS Res Agron 1R I LYNN PhD Asst Prof Algo 3L A DRURY EdD Assoc Dir of Ext Serv IL R HUNSAKER PhD Assoc Dir of Ext Serv 12G W MILLER PhD Prof Plant Biochem and Dir of 1V R SMITH PhD Dean Col of Agr (801-752-4100 Ext Center for Pollution Res 204) 25W T McDONOUGH PhD Plant Physiol 1L S COLE DEng Actg Dean Col of Engin 1PHYLLIS SNOW PhD Dean Col of Fam Life 25D L MUMFORD PhD Res Plant Path 5D L NELSON MS Asst Plant Path 1J W FLOYD MSF Actg Dean Col of Natural Resources II G PALMBLAD PhD Asst Prof Plant Ecol 1R M JOHNSON PhD Dean Col of Sci 12B L RICHARDS PhD Prof Emeritus Bot IM LHARMON PhD Dean Col of Social Sci 1R J SHAW PhD Prof Taxon and Morphol 25B N WADLEY PhD Res Plant Path 12G W WELKIE PhD Assoc Prof Virol 10390 Animal Science 12J A BENNETT PhD Prof Beef Cattle and Sheep 12H H WIEBE PhD Prof Plant Physiol Genet and Head of Dept 25M C WILLIAMS PhD Res Plant Physiol 3CLAIR ACORD PhD Dist Ext Livestock Spec (PO 25D E ZIMMER PhD Res Plant Path Safflower Dis Provo) 12J O ANDERSON PhD Prof Nutr 10420 2J M ASPLUND PhD Res Assoc Anim Nutr 14M C CANNON PhD Prof Anal Chem and Head of Dept 12S J ATKINSON BS Res Assoc 2ADRIAN BLAU BS Res Asst 1TERRY ALGER PhD Asst Prof Phys Chem 1R C ANDERSON PhD Assoc Prof Organic Chem 12J E BUTCHER PhD Prof Beef Cattle and Sheep Nutr 1B F BURNHAM PhD Ass∞ Prof Biochem 2C E CLARK PhD Assoc Prof Physiol and Asst Dir 12D A GREENWOOD PhD Prof Biochem & Toxicol Expt Sta 12T M FARLEY PhD Asst Prof Biochem 2D C DOBSON PhD Asst Prof Nutr (Snow College 125R F KEELER PhD Assoc Prof Biochem Ephraim) 1G L LEE PhD Prof Chem 3C I DRAPER PhD Prof Nutr and Ext Poultryman 1SHERWIN MAESER PhD Prof Emeritus Chem 3G M ESPLIN MS Dist Ext Livestock Spec (Beaver) 14W M MOORE PhD Assoc Prof Phys Chem 12W C FOOTE PhD Assoc Prof Anim Reprod 1J W MORSE PhD Asst Prof Chem 12L E HARRIS PhD Prof Nutr 2H M NIELSEN MS Asst Prof Biochem
1R K OLSEN PhD Asst Prof Organic Chem 3G R HENDERSON MS (Emeritus) Ext Anim Husb 3R R KEETCH MS (Emeritus) Assoc Prof Ext Sheep 1J W SINCLAIR PhD Asst Prof Phys Chem and Wool Spec 1G G SMITH PhD Prof Organic Chem 12M A MADSEN PhD Assoc Prof Beef Cattle and Sheep 12J T SPENCE PhD Prof Inorganic Chem Genet 1H O VANORDEN PhD Prof Organic Chem 12D H MATTHEWS MS Assoc Prof Sheep Genet and Prod (PO CSU Cedar City) **Dairy Science** 10430 1D J MATTHEWS PhD Prof Asst Dean Col of Agr 12HYRUM STEFFEN MS Assoc Prof Swine Nutr 12G E STODDARD PhD Prof Nutr and Head of Dept 25M J ANDERSON PhD Dairy Nutr 3N J STENQUIST PhD Assoc Prof Dist Ext Livestock 12C W ARAVE PhD Asst Prof Dairy Brdg Spec (PO Vernal) 3J J BARNARD MS Assoc Prof Ext Dairyman 12J C STREET PhD Prof Anim Nutr and Biochem 3D W THOMAS DVM Assoc Prof Ext Vet Spec 2G O BATEMAN BS Prof Emeritus Dairy Husb 1G B CAINE MS Prof Emeritus Dairy Husb 2H M GEDDES BS Res Asst Dairy Husb 2R E WARNICK MS Res Asst 3L R HUNSAKER PhD Prof Dairy Husb and Assoc Dir 10395 Applied Statistics and Computer Science of Ext Serv 12R L HURST PhD Prof and Head of Dept 25R C LAMB PhD Dairy Brdg 12R V CANFIELD PhD Asst Prof 12C H MICKELSEN MS Asst Prof Dairy Husb and Supt 1D R HARRIS PhD Assoc Prof 14B C JENSEN PhD Assoc Prof Dairy Expt Farm 2L L PERKES BS Res Asst Dairy Husb 1E C KARTCHNER DBA Assoc Prof IV R SMITH PhD Prof Dairy Physiol and Dean Col of 1W L POPE MS Asst Prof Agr 12D V SISSON PhD Assoc Prof 17DAVID WHITE PhD Ass∞ Prof Economics (Agr) and Marketing 10440 12N K ROBERTS PhD Prof and Head of Dept 15J C ANDERSEN PhD Agr Econ ERS 12R H ANDERSON PhD Prof Mktq Bacteriology and Public Health 10400 12R S SPENDLOVE PhD Prof Virol and Head of Dept 12G T BLANCH PhD Prof Emeritus 12P B CARTER PhD Assoc Prof Bact 12R A CHRISTENSEN PhD Assoc Prof Mkta 1L W JONES PhD Prof Bact 1F J POST PhD Assoc Prof Food and Water Bact
1W W SMITH PhD Prof Bact 3L A CLEMENT MPA Assoc Prof Ext Farm Mat Spec 12L H DAVIS PhD Prof Farm Mat 124B D GARDNER PhD Prof Resource Econ 1K R STEVENS PhD Prof Emeritus Bact and Public Health
12C A WESTBY PhD Asst Prof Bact 34P R GRIMSHAW MS Assoc Prof Ext Mktg Spec 2H H HISKEY MS Res Asst 12A D LeBARON PhD Assoc Prof Resource Econ Botany 10410 3L C MICHAELSEN PhD Assoc Prof Ext Agr Econ 120 S CANNON PhD Prof Dis Resistance and Head of Spec Dept

1G M BAKER MS Asst Prof Mycol and Physiol

10440-10540

HATU Economics (Agr) and Marketing-Continued Family and Child Development-Continued 2S H RICHARDS BS Res Asst 1LOA THOMPSON MS Instr 15C E STEWART PhD Agr Econ and Ldr Western Basin 1Mrs ALISON C THORNE PhD Lect Fam Living Prog ERS 3M H TAYLOR PhD Prof Ext Mktg Spec 10510 124E B WENNERGREN PhD Prof Resource Econ 12ETHELWYN B WILCOX PhD Prof and Head of Dept
3Mrs FLORA H BARDWELL MS Asst Prof Ext Food 10450 and Nutr Spec 1G R SHERRATT MS Actg Dir Inst Devlpmt 1CHARLOTTE BRENNAND MS Instr 12LOIS M COX BS Tech Writer 34A L HIGBEE MS Asst Prof Ext Radio and TV Spec 1Mrs ALMEDA P BROWN MS Prof Emeritus 3CAROLYN H DUNN BS Asst Prof Ext Consum Mktq 234C M KOTTER MA Asst Prof Ext and Expt Sta Inform Inform Spec 12D G HENDRICKS PhD Asst Prof Spec 1EVELYN LAWRENCE BA Asst Univ Ed 1Mrs BETTIE S KEETCH BS Lect 3C P NIELSEN BS Ext Pub Ed 13Mrs MARGARET B MERKLEY PhD Prof Ext Supvr 3L J SMITH BS Ext Graphics Artist Home Econ Prog 1J J STEWART MS Univ Ed 1PRISCILLA ROWLAND MS Asst Prof Emeritus 2M E WILDE BS Expt Sta Pub Ed 1Mrs CARMA STEMBRIDGE MS Instr 1Mrs RUTH E WHEELER MS Asst Prof 10462 Engineering (Agr and Irrig) 12A A BISHOP PhD Prof and Head of Dept Home Economics Education 34B H ANDERSON PhD Assoc Prof Water Use Spec 1Mrs VIRGINIA H HARDER MS Assoc Prof and Head of 1J M BAGLEY PhD Prof and Dir Utah Water Res Lab
5J A BOUNDURANT MS Res Agr Engin
1J.E CHRISTIANSEN MS Prof Soil and Water Dept 1Mrs GWEN BIDDULPH MS Instr 10522 14S H DAINES MS Assoc Prof Soil and Water Household Economics and Management 25A R DEDRICK MS Irrig 1EDITH NYMAN MS Assoc Prof and Head of Dept 3R E GRIFFIN MS Ext Water Use Spec 1Mrs LARAE CHATELAIN MS Instr 1F W HAWS MS Res Engin Soil and Water 3Mrs RHEA GARDNER MS Assoc Prof Ext Home Mat 5A S HUMPHREYS MS Res Agr Engin and Furn Spec 12S A JENAB PhD Assoc Prof Engin 5M E JENSEN PhD Res Agr Engin IJANE LOTT MS Instr 1Mrs LOUISE J PEET PhD Guest Lect 12JACK KELLER PhD Assoc Prof Irrig Food Science and Industries 10524 25C W LAURITZEN PhD Soil Sci 12C A ERNSTROM PhD Prof and Head of Dept 124C H MILLIGAN MS Prof Soil and Water 1P B LARSEN MS Assoc Prof 2H B PETERSON PhD Prof Soil and Water 23D R MORGAN PhD Prof 3W B RINGER PhD Asst Prof Ext Agr Engin Spec 5A R ROBINSON MS Res Agr Engin 3A J MORRIS MS Prof Emeritus 2L E OLSON PhD Asst Prof 1G E STRINGHAM MS Assoc Prof Hydraulics and Asst 12G H RICHARDSON PhD Prof to Dean of Col 12D K SALUNKHE PhD Prof 45LS WILLARDSON MS Res Agr Engin 12ETHELWYN B WILCOX PhD Prof 5R V WORSTELL MS Res Agr Engin 10530 Forest Science Extension Administration 10470 12R S WHALEY MS Assoc Prof and Head of Dept 3G T BAIRD MS Assoc Prof Supvr 4-H and Youth Prog 5W G BEARDSLEY MS Coop Recreation Res 3MARDEN BROADBENT PhD Prof Dist Ext Dir 12T W DANIEL PhD Prof Silvic 5N V DeBYLE PhD Asst Prof For Ecol 3W F FARNSWORTH PhD Assoc Prof Dist Ext Dir 5R D DOTY BS Res For 2A A DYER MS Asst Res For 3AMY R KEARSLEY MS Assoc Prof Supvr 4-H and Youth Prog 1J W FLOYD MSF Prof and Acta Dean of Col 12A B FURNISS MF Instr 12G E HART PhD Asst Prof 3Mrs MARGARET B MERKLEY PhD Prof Supvr Home Econ Prog 123J D HUNT MF Assoc Prof and Coord Title I Tourism 10480 Family Life and Outdoor Recreation Devlpmt 1PHYLLIS SNOW PhD Prof Food and Nutr and Mat and 13C M JOHNSON MS Asst Prof and Ext For Outdoor Dean of Cal Recreation Spec 1Mrs DOROTHY T DYER MA Dean of Col Emeritus 5R S JOHNSTON BS Assoc For Hydrol 5R G KRCBILL PhD Asst Prof Plant Path Clothing and Textiles 10490 12R M LANNER PhD Asst Prof 1ANNE KERNALEGUEN PhD Assoc Prof and Head of 1R R MOORE PhD Prof 12R A OGLE PhD Asst Prof Dept IMARGARET BAER MS Lect 5B Z RICHARDSON BS Res For 1Mrs RUTH V CLAYTON MS Instr 3L E ROYER MS Asst Prof and Asst Coord Title I 1Mrs ALTA CROCKETT MS Instr Tourism and Outdoor Recreation Devlpmt RUTH E HAWTHORNE PhD Assoc Prof 12J D SCHULTZ MS Asst Prof 3THETA JOHNSON MS Assoc Prof Ext Clothing Spec 1Mrs VIRGINIA S LEWIS MS Asst Prof 10540 Plant Science 12F B SALISBURY PhD Prof Plant Physiol and Head of Dept Family and Child Development 10500 2DEMETRIOS AGATHANGELIDES BS Res Asst 1D C CARTER EdD Prof and Head of Dept 124K R ALLRED PhD Prof Forage Crops 1CLAUDIA FUHRIMAN MS Instr 12J L ANDERSON PhD Assoc Prof Pomol

1Mrs VALERA G HOLMAN BS Head Teacher Nursery

1Mrs CARROLL C LAMBERT MS Assoc Prof and Supvr

1Mrs DOROTHY B LEWIS MS Assoc Prof Child Devlpmt

Sch

Child Devlpmt Lab

1Mrs JANE MECHAM MS Instr 1RENEE OSTLER MS Instr

1J D SCHVANEVELDT PhD 'Asst Prof IC J SKIDMORE EdD Prof Fam Living

12W G DEWEY PhD Prof Cereal Crops and Plant Brda 2R P DRAPER BS Res Assoc (PO Farmington) 167

34A B CALL Jr MS Assoc Prof Emeritus Ext Hort Spec

12W F CAMPBELL PhD Assoc Prof Agron

2ALICE DENNEY PhD Res Assoc

25D R DEWEY PhD Res Genet

2H I EL-MANSY PhD Res Assoc

Plant Science-Continued

12J O EVANS PhD Asst Prof Agron Weeds	5) L HADDOCK PhD Soil Sci
2R K GERBER MS Res Assoc Pomol (Howell Field	12R J HANKS PhD Prof Soil Phys
Station PO North Ogden)	6D C HIRSCHI Field Aid 5M E JENSEN PhD Res Invest Ldr
12A R HAMSON PhD Prof Veg Crops 25A C HULL Jr PhD Conserv	12J J JURINAK PhD Prof Soil Chem
3L A JENSEN MS Assoc Prof Ext Agron Spec	2R E LAMBORN MS Res Assoc
25WESLEY KELLER PhD Res Agron	5G E LEGGETT PhD Res Invest Ldr
12D R McALLISTER PhD Prof Forage Crops	5H F MAYLAND PhD Res Soil Sci
2R G MURDOCK BS Res Asst (PO Delta)	12R W MILLER PhD Prof Soil Chem
2R F NIELSON MS Assoc Prof Agron	1G W REYNOLDS PhD Met
25E HOTTLEY Agr Res Tech	6E A RICHARDSON MS State Climatol
25M W PEDERSEN PhD Res Agron	5J H SMITH PhD Res Soil Sci
124L H POLLARD PhD Prof Veg Crops	12A R SOUTHARD PhD Assoc Prof Soil Genesis
2OTTO RIETHMANN Res Asst	5R K TEW MS Assoc Plant Physiol
25G K RYSER BS Res Agron	2LeMOYNE WILSON MS Assoc Prof Emeritus Soil
25C H SMITH MS Res Agron	Classif
3A L STARK PhD Prof Ext Ornam Hort Spec	
2G L STOKER MS Assoc Prof Crop Certif	Veterinary Science 10590
25MYRON STOUT BS Physiol 25J C THEURER PhD Res Agron	12M L MINER DVM Prof and Head of Dept
12D C TINGEY MA Prof Emeritus Crops Weeds	25LuDELL BALLS BS Anim Husbandman
25A L URIE BS Agr Res Tech	25WAYNE BINNS DVM MS Res Vet
2G A VAN EPPS MS Assoc Prof Agron (PO Snow	12J T BLAKE DVM PhD Assoc Prof Physiopath
College Ephraim)	12J W CALL DVM MS Assoc Prof Clin
25WAYNE WAITE Agr Res Tech	25R T CARVER DVM Vet 245DALE CHRISTIANSEN DVM Vet
12D R WALKER PhD Prof Pomol	12ROBERT DAVIS BS Res Asst Lab Tech
	2E J FISHER BS Res Asst Lab Tech
Range Science 10560	25L F JAMES PhD Anim Nutr
12L A STODDART PhD Prof Range Ecol and Head of	25A E JOHNSON MS Anim Physiol
Dept	25R F KEELER PhD Biochem
25A T BLEAK BS Conserv Range Revegetation	2A E OLSON MS Res Assoc Lab Tech
27J E BOWNS MS Asst Prof Range Ecol (PO CSU	12J L SHUPE DVM Prof Path
Cedar City)	12R A SMART DVM Assoc Prof Microbiol
5R W BROWN MS Asst Plant Ecol	2J A THOMAS DVM Asst Prof Vet Sci (PO Provo)
12M M CALDWELL PhD Asst Prof Range Ecol	2W R THORNLEY MS Res Asst Lab Tech
12G B COLTHARP PhD Asst Prof Watershed Mgt	25K R VANKAMPEN DVM PhD Vet Path
5P W CONRAD MS Asst Plant Ecol	
5E E FARMER MS Assoc For Hydrol 12G F GIFFORD PhD Asst Prof Range Watershed	Wildlife Resources 10600
	1W F SIGLER PhD Prof Water Pollution Biol and Head
12J B GRUMBLES PhD Assoc Prof Range Mat	of Dept
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mat Spec	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio!
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mat Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Ranne Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 5ociology 10570	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Assot Prof Prance Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 5ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physio!  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and  Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physio!  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Prof Anim Ecol and Pop
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Assot Prof Prance Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Motivation Res	of Dept 1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prance Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asset Prof Game Livestock Relat 12A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD 46W A DEHART PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physio!  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Prof Anim Ecol and Pop
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD 46W A DEHART PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physiol  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Biq Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Prof Anim Ecol and Pop  13G W WORKMAN PhD Asst Prof Ext Wildlife Spec
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asset Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Motivation Res 46W A DeHART PhD 12H B BYLUND PhD 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Asst Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Asst Prof Ext Wildlife Spec  Zoology 10610
12J B GRUMBLES PhD Assoc Prof Range Mat 12J F HOOPER PhD Assot Prof Prance Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asset Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Social and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prance Econ 5W A LAYCOCK PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD 12H B BYLUND PhD 12H B BYLUND PhD 12H S GARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16C B STALNAKER PhD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zeology 10610  1ZO M HAMMOND PhD 1T L BAHLER PhD Prof Parasitol and Head of Dept 17 L BAHLER PhD 25G E BOHART PhD 1J T BOWMAN PhD Asst Prof Genet
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Asst Prof Range Econ 5W A LAYCOCK PhD Asset Prof Range Econ 5W E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD 12H B BYLUND PhD 12H B BYLUND PhD 12H B BYLUND PhD 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prine Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asset Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 12N E WEST PhD Asst Prof Range Ecol 12N E WEST PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELTYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Asst Prof Genet 11 T BOWMAN PhD Asst Prof Genet 12 W A BRINDLEY PhD Asst Prof Ent
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 5ociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD 12H B BYLUND PhD 12H B BYLUND PhD 12H ADDERS PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Assoc Prof Crime and Delinquency	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Ent 1K L DIXON PhD Prof Zool
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prine Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asset Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 12N E WEST PhD Asst Prof Range Ecol 12N E WEST PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELTYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1d J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16D J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Ent 1K L DIXON PhD Prof Zool 2H E DORST MS Prof Emeritus Ent
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Range Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  1050 1020 1021 1031 1032 1033 1034 1034 1035 1036 1037 1037 1037 1037 1037 1037 1037 1037	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 18W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  Zoology 1070 1T L BAHLER PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Emeritus Ent 1K L DIXON PhD Prof Emeritus Ent 1L C ELLIS PhD Assoc Prof Physiol
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Range Econ SW A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  Sociology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Motivation Res 46W A DeHART PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Assoc Prof Crime and Delinquency 16R W ROSKELLEY PhD Prof Community Organ and Rural Sociol 1KATHRYN SIKORSKI MS Instr Cultural Anthropol	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  Zoology 10610 12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLETY PhD Asst Prof Ent 1LD W DAVIS PhD Prof Ent 1K L DIXON PhD Prof Zool 2H E DORST MS Prof Emeritus Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prine Econ 5W A LAYCOCK PhD Assoc Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Motivation Res 46W A DeHART PhD Prof Indus Social and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELTYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Social of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 5coils and Meterology 10575	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Beol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Genet 12W A BRINDLEY PhD Prof Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Zool
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prine Econ 5W A LAYCOCK PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Relat 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol  5ociology 10570  12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Sociol and Small Groups 12H B BYLUND PhD Prof Indus Sociol and Small Groups 12M A DEADER PhD Prof Indus Sociol and Small Groups 12M A GEDDES PhD Prof Erritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELTYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERYY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Crime and Delinquency 16R W ROSKELLEY PhD Prof Community Organ and Rural Sociol 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 5ocial and Meterology 12R L SMITH PhD Prof Soil Fert and Acta Head of	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 18W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physiol 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  Zoology 1070 12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Emritus Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Syst En'
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Ext Range Mqt Spec 12G W SCOTTER MS Asst Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 15ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Motivation Res 46W A DeHART PhD Prof Indus Sociol and Small Groups 12Ms CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Crime and Delinquency 16R W ROSKELLEY PhD Prof Community Organ and Rural Sociol 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 5ciols and Meterology 12R L SMITH PhD Prof Soil Fert and Acta Head of Dept	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Beol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Genet 12W A BRINDLEY PhD Prof Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Zool
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 14A D SMITH PhD Prof Game Livestock Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Social and Small Groups 46W A DeHART PhD Prof Indus Social and Small Groups 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1MTS EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Social of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 160ils and Meterology 12R L SMITH PhD Prof Soil Fert and Actg Head of Dept 12G L ASHCROFT PhD Assoc Prof Climatol	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physiol  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Asst Prof Ext Wildlife Spec  Zoology  12D M HAMMOND PhD Prof Parasitol and Head of Dept  1T L BAHLER PhD Asst Prof Genet  1J T BOWMAN PhD Asst Prof Genet  12 W A BRINDLEY PhD Asst Prof Genet  12D W DAVIS PhD Prof Ent  1L C ELLIS PhD Assoc Prof Physiol  1E J GARDNER PhD Prof Genet  1M H GUNNELL MS Assoc Prof Zool  1M J HANSON MS Asst Prof Syst Ent  1B A HAWS PhD Prof Ent and Coord Latin American
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asst Prof Game Livestock Relat 11AD D Prof Game Livestock Range Relat 11AD D Prof Game Livestock Range Relat 11AD EWEST PhD Prof Game Livestock Range Relat 11AD D Prof Rural—Urban and Pop and Head of Dept 11AD HEAD Prof Rural—Urban and Pop and Head of Dept 11AD HANDREWS PhD Prof Social Organ and Natural Resources 11AD HEAD PhD Prof Community Organ 11AD HEAD PhD Prof Indus Sociol and Small Groups 11AD A DEDDES PhD Prof Indus Sociol and Small Groups 11AD A SCOPT FOR Indus Professor Professor Industrial 11AD ASSOC Prof Indus Professor Professor Industrial 11AD HEAD Professor Professor Industrial 11AD PROFESSOR Assoc Professor Industrial 11AD PROFESSOR INS Instructural Anthropol 11AD PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL ANTHROPOL 11AD PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL ANTHROPOL 11AD PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCTURAL PROFESSOR INSTRUCT	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1d J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zeology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Zool 1W J HANSON MS Asst Prof Syst Ent 1B A HAWS PhD Prof Ent and Coord Latin American Affairs
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 14A D SMITH PhD Prof Game Livestock Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Social and Small Groups 46W A DeHART PhD Prof Indus Social and Small Groups 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1MTS EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Social of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 160ils and Meterology 12R L SMITH PhD Prof Soil Fert and Actg Head of Dept 12G L ASHCROFT PhD Assoc Prof Climatol	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physiol  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Prof Anim Behavior  1F H WAGNER PhD Prof Anim Ecol and Pop  13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  2D M HAMMOND PhD Prof Parasitol and Head of Dept  1T L BAHLER PhD Prof Physiol and Zool  25G E BOHART PhD Ent  1J T BOWMAN PhD Asst Prof Genet  12W A BRINDLEY PhD Asst Prof Ent  12D W DAVIS PhD Prof Emeritus Ent  1L C ELLIS PhD Assoc Prof Physiol  1E J GARDNER PhD Prof Genet  1M H GUNNELL MS Assoc Prof Zool  1W J HANSON MS Asst Prof Syst En'  1B A HAWS PhD Prof Ent and Coord Latin American  Affairs  12T H HSIAO PhD Asst Prof Ent
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 12G W SCOTTER MS Asset Prof Game Livestock Range Relat 12N E WEST PhD Prof Game Livestock Range Relat 12N E WEST PhD Prof Game Livestock Range Relat 12N E WEST PhD Prof Game Livestock Range Relat 12N E WEST PhD Prof Game Livestock Range Relat 12N E WEST PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Motivation Res 46W A DeHART PhD Prof Indus Social and Small Groups 12Ms CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Social Groups 16K W ROSKELLEY PhD Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 16K W ROSKELLEY PhD Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 16Gils and Meterology 12R L SMITH PhD Prof Soil Fert and Acta Head of Dept 12G L ASHCROFT PhD Assoc Prof Climatol 2M D CAMPBELL Res Asst 5D L CARTER PhD Res Soil Sci	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1d J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Syst Ent 1B A HAWS PhD Prof Ent and Coord Latin American Affairs 12T H HSIAO PhD Asst Prof Emeritus Ext Ent Spec 1G H LINFORD MS Assoc Prof Zool 25W P NYE MS Ent and Apic
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Professor Prin Forest Hydrol 14A D SMITH PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 1050ciology 10570 12T R BLACK PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 16W H ANDREWS PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Sociol and Small Groups 12Mrs CARMEN FREDRICKSON MS Assoc Prof Emeritus 12J A GEDDES PhD Prof Indus Sociol and Small Groups 12J A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 16YUN KIM PhD Asst Prof Demography 1Mrs EVELYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Sociol of Religion and Educ 1N D MESERVY MSW Asst Prof Social Work 1A A PENNOCK MA Assoc Prof Crime and Delinquency 16R W ROSKELLEY PhD Prof Community Organ and Rural Sociol 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 160ils and Meterology 12R L SMITH PhD Prof Soil Fert and Acta Head of Dept 12G L ASHCROFT PhD Assoc Prof Climatol 2M D CAMPBELL Res Asst 5D L CARTER PhD Res Soil Sci 3P D CHRISTENSEN PhD Prof Ext Soil Conserv	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior  16W H BOHL MS Asst Prof Exotic Game Birds  16R W GOEDE MS Asst Prof Fish Path  6D W HAWTHORNE BS Anim Damage Control  1W T HELM PhD Assoc Prof Ecol of Fishes  1ANNE HOLMAN PhD Invertebrate Physiol  1G H KELKER ScD Prof Wildlife Res  16R H KRAMER PhD Assoc Prof Fish Physiol  16J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl  1J M NEUHOLD PhD Prof Physiol Ecol  16J J SPILLETT ScD Asst Prof Anim Ecol  16C B STALNAKER PhD Asst Prof Fish Genet  1A W STOKES PhD Prof Anim Behavior  1F H WAGNER PhD Asst Prof Ext Wildlife Spec  Zoology  12D M HAMMOND PhD Prof Parasitol and Head of Dept  1T L BAHLER PhD Asst Prof Ext Wildlife Spec  Zoology  10610  12D M DAVIS PhD Prof Physiol and Zool  25G E BOHART PhD Asst Prof Genet  1J T BOWMAN PhD Asst Prof Ent  1D W DAVIS PhD Prof Ent  1L C ELLIS PhD Assoc Prof Physiol  1E J GARDNER PhD Prof Genet  1M H GUNNELL MS Assoc Prof Zool  1W J HANSON MS Asst Prof Ent  1B A HAWS PhD Prof Ent and Coord Latin American Affairs  21T H HSIAO PhD Asst Prof Emeritus Ext Ent Spec  1G H LINFORD MS Assoc Prof Zool  25W P NYE MS Ent and Apic  13R S ROBERTS MS Assoc Prof Ext Ent Spec
12J B GRUMBLES PhD Assoc Prof Range Mqt 12J F HOOPER PhD Assot Prof Prin Plant Ecol 5P E PACKER MS Professor Prin Forest Hydrol 3K G PARKER MS Prof Range Ecol 50ciology 10570  12T R BLACK PhD Prof Game Livestock Range Relat 12N E WEST PhD Asst Prof Range Ecol 50ciology 10570  12T R BLACK PhD Prof Rural—Urban and Pop and Head of Dept 16W H ANDREWS PhD Prof Social Organ and Natural Resources 34S L BROWER PhD Prof Community Organ 12H B BYLUND PhD Prof Indus Social and Small Groups 12H B BYLUND PhD Prof Indus Social and Small Groups 12M A GEDDES PhD Prof Indus Social and Small Groups 12M A GEDDES PhD Prof Emeritus Inst 1G N KELLER PhD Assoc Prof Cultural Anthropol 14YUN KIM PhD Asst Prof Demography 1Mrs EVELTYN H LEWIS MA Assoc Prof Social Work 1A L MAUSS MS Assoc Prof Urban and Social of Religion and Educ 1N D MESERYY MSW Asst Prof Social Work 1J A PENNOCK MA Assoc Prof Crime and Delinquency 16R W ROSKELLEY PhD Prof Community Organ and Rural Social 1KATHRYN SIKORSKI MS Instr Cultural Anthropol 16R M ROSKELLEY PhD Prof Soil Fert and Acta Head of Dept 12G L ASHCROFT PhD Assoc Prof Climatol 2M D CAMPBELL Res Asst 5D L CARTER PhD Res Soil Sci 3P D CHRISTENSEN PhD Prof Ext Soil Conserv 12Miss INGE DIRMHIRN PhD Prof Met	of Dept  1D F BALPH PhD Assoc Prof Anim Behavior 16W H BOHL MS Asst Prof Exotic Game Birds 16R W GOEDE MS Asst Prof Fish Path 6D W HAWTHORNE BS Anim Damage Control 1W T HELM PhD Assoc Prof Ecol of Fishes 1ANNE HOLMAN PhD Invertebrate Physio! 1G H KELKER ScD Prof Wildlife Res 16R H KRAMER PhD Assoc Prof Fish Physiol 1d J B LOW PhD Prof Gen Wildlife Ecol on Big Game and Waterfowl 1J M NEUHOLD PhD Prof Physiol Ecol 16J J SPILLETT ScD Asst Prof Anim Ecol 16C B STALNAKER PhD Asst Prof Fish Genet 1A W STOKES PhD Prof Anim Behavior 1F H WAGNER PhD Prof Anim Ecol and Pop 13G W WORKMAN PhD Asst Prof Ext Wildlife Spec  Zoology 10610  12D M HAMMOND PhD Prof Parasitol and Head of Dept 1T L BAHLER PhD Prof Physiol and Zool 25G E BOHART PhD Ent 1J T BOWMAN PhD Asst Prof Genet 12W A BRINDLEY PhD Asst Prof Ent 12D W DAVIS PhD Prof Ent 1L C ELLIS PhD Assoc Prof Physiol 1E J GARDNER PhD Prof Genet 1M H GUNNELL MS Assoc Prof Syst Ent 1B A HAWS PhD Prof Ent and Coord Latin American Affairs 12T H HSIAO PhD Asst Prof Emeritus Ext Ent Spec 1G H LINFORD MS Assoc Prof Zool 25W P NYE MS Ent and Apic

Soils and Meterology—Continued

Zoology-Continued

12C J SORENSON MS Prof Emeritus Ent

1J S STANFORD PhD Prof Emeritus Ent and Zool 1H P STANLEY PhD Assoc Prof Zool

5H F THORNLEY MS Ent

25P F TORCHIO MS Res Ent

Miscellaneous

10620

1MILTON ABRAMS PhD Col Libr

IV H JARRETT MS Assoc Prof and Head of Dept of Agr Educ

### VERMONT

The College of Agriculture and Home Economics, the Agricultural Experiment Station, and the Extension Service of the University of Vermont, Burlington 05401

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 7Related Services

123L S ROWELL MS LHD Pres of Univ (802-864-4511) 123C D COOK PhD Vice Pres for Academic Affairs 3R P DAVISON MEd Dir of Ext (802 864-4511)

123G A DONOVAN PhD Assoc Dir of Sta

(802-864-4511)

123T W DOWE PhD Dean of Col and Dir of Sta (802 864-4511)

123ELIZABETH N DOWNER PhB Admin Asst 123M A DYSON BBA Vice Pres for Financial Affairs
1W G BRUSKA MS Dir of Devlpmt

Animal and Dairy Science

10650

127A M SMITH PhD Prof Anim Nutr and Head of Dept

123H V ATHERTON PhD Prof Dairy Bact

123D J BALCH PhD Assoc Prof Anim Brdg

12A H DUTHIF PhD Assoc Prof Dairy Chem

3K S GIBSON MS Dairyman
3W P LEAMY MS Dairyman (DHIA)

127K M NILSON PhD Asst Prof Dairy Indus and Dairy

12K R SIMMONS PhD Assoc Prof Anim Physiol 12J G VELCH PhD Assoc Prof Anim Nutr

Animal Pathology

10660

1237W D BOLTON DVM MS Prof and Head of Dept 127W B DURRELL DVM MS Assoc Prof Vet Path 27R W MURRAY DVM MS Assoc Vet Path 37J R WADSWORTH VMD MS Vet Path

Biochemistry (Agr)

10670

10680

12D B JOHNSTONE PhD Prof Microbiol and Head of Dept 12M W FOOTE PhD Assoc Prof Agr Biochem 12D W RACUSEN PhD Prof Agr Biochem 12R E SJOGREN PhD Asst Prof Microbiol

12D L WELLER PhD Asst Prof Molecular Biol

12B B HYDL PhD Prof Electronmicros and Head of Dept 1P W COOK PhD Asst Prof Phycol 12BUD ETHERTON PhD Assoc Prof Plant Physiol

12F! M KLEIN PhD Prof Plant Physiol 2F M LAING MS Res Assoc Physiol

125J W MARVIN PLD Prof Plant Physiol

12THOMAS SPROSTON PhD Prof Plant Path 1F H TAYLOR PhD Prof Plant Anat

124H W VOGELMANN PhD Assoc Prof Taxon and Ecol

10690 Economics (Agr)

123F O SARGENT PhD Prof and Head of Dept

23M I BEVINS MS Resource Econ 3C W BIGALOW MS Food Mktg

3D K EDDY MEE Farm Mat

12C L FIFE PhD Asst Prof Mktg and Bus Mgt

3V F HOUGHABOOM Ph. Farm Mat

12R O SINCLAIR PhD Prof Hesource Econ

23E H TOMPKINS MS Resource Econ

Economics (Agr)-Continued

12R H TREMBLAY PhD Assoc Prof Farm Mat

123F C WEBSTER PhD Prof Mktg

10710 Engineering (Agr)

12E C SCHNEIDER MS Prof and Head of Dept 12E L ARNOLD PhD Assoc Prof Elec Power and Proc 15JOSEPH BORNSTEIN MS Asst Prof Soil and Water

3B T FRENCH L'A Housing and Util

3ANDREW TESSMANN BS Form Structures and Crop Proc and Mater Handling

10720 Entemology

123G B MacCOLLOM PhD Assoc Prof and Head of Dept

3G R NIELSEN PhD Ext Ent and Pesticide Coord 12B L PARKUR PhD Asst Sta Ent

**Extension Administration** 

10730

3J D MERCHANT BS Supvr and Prog Ldr Youth 3M PAULINE ROWE MEd Supvr and Prog Ldr Youth 3Mrs DORIS H STEELE MA Supvr and Prog Ldr Home Econ

3W W STONE MA Supvr and Prog Ldr Agr and Rural Devlpmt Spec

3W V TUXBURY BS Asst to Dir and Rural Civ Def Inform Spec

10750 Forestry

12W W CHRISTENSEN PhD Prof and Head of Dept 12F H ARMSTRONG MF Asst Prof For Mat

3R T FOULDS Jr MF For Mat and Mkta

12R W FULLER MS Asst Prof Wildlife Mat 12P H HANNAH PhD Asst Prof For Soils

34J J LINDSAY MS Outdoor Recreation Spec

12M L McCORMACK DF Asst Prof Silvic

12B W POST DF Assoc Prof Tree Physiol

2T L TURNER MS Asst For Mat

12R A WHITMORE MS Assoc Prof Mktg and Util

12L E ZAI DSc Assoc Prof Mensuration

Home Economics

12BLAIR WILLIAMS MS Assoc Prof and Head of Dept 1ELIZABETH F ATWOOD MS Asst Prof Text and Cloth

1MARION H.BROWN MS Assoc Prof and State Teacher Educ

1MARTHA CALDWELL MS Assoc Prof Relat Arts

2R P CLARKE MS Asst Biochem

12MARY J ELLIS MS Asst Prof and Res Home Econ

1F S EMANUEL BS Instr Inst Admin

2D E KEYSER PhD Asst Biochem

1ESTHER L KNOWLES MS Assoc Prof Housing Mat 3VIRGINIA A LAWRENCE BS Prog Asst Fam Econ 1Mrs JULIE LEPESCHKIN MS Asst Prof Dir Preschool

Form Itiv 1Mrs JOYCE K LIVAK MS Asst Prof Food and Nutr 2SUSAN B MERROW MEd Assoc Nutr

12ELLEN H MORSE PhD Assoc Prof Nutr Res 1MARILYN M OSBORN MEd Instr Educ

3Mrs JEANIE M PILLSBURY BS Health Educ Spec 1AGNES T POWELL MS Asst Prof Nutr

3Mrs FAITH K PRIOR MS Home Mgt Spec

IS JANE QUACKENBUSH MS Asst Prof Text and Cloth

1J A SAMENFINK PhD Prof Fam Liv

3Mrs KATHLEEN STRASSBURG BS Cloth and Relat Art Spec

1Mrs SELINA W WEBSTER MS Asst Prof Text and Cloth

1MARGARET WHITTLESEY MS Asst Prof Social Work

10780 Information

123J W SPAVEN BS Ed and Head of Dept 23LEONE M JACKSON Artist

23Mrs KARIN KRISTIANSSON MA Assoc Ed TV 23T J McCORMICK MEE Assoc Ed Press and Radio 23KATHLEEN B WEBB BS Assoc Ed Pubs

10830 Plant and Soil Science Agronomy

12S C WIGGANS PhD Prof Crop Physiol and Head of Dept

12R J BARTLETT PhD Prof Soil Chem 15G R BENOIT PhD Lect Soil Phys 12B R BOYCE PhD Asst Prof Pomol

12D W BRUCKEL BS Tech Asst Ornam 13C L CALAHAN MS Lect Fruits

123 T R FL AN AGAN PhD Asst Prof Weeds

12R J HOPP MS Prof Veq

123J L McINTOSH PhD Asst Prof Soil Fert 123N E PELLETT PhD Asst Prof Ornam

2KE VARNEY MS Assoc Prof Field Crops

3W A WAY MS Crops and Soils

12G M WOOD PhD Assoc Prof Turf and Forage Crops

Poultry Science

123G A DONOVAN PhD Prof and Head of Dept 12D C FOSS PhD Asst Prof Nutr and Physiol
13L S MERCIA MS Lect Prod and Mkta

2G S SHREWSBURY MS Res Assoc Nutr

Regulatory Service

10800

10795

7R T WETHERBEE MS Chem 7H E BUCKLAND BS Seed Anal 7H L SAWYER Jr BS Assoc Chem

Resource Development

10805

3W H BINGHAM MS Area Community Affairs and Resource Devipmt Spec

3J A EDGERTON MEE Area Resource Devipmt Spec 3N A ELLIOTT BS Area Community Affairs Spec

3E W SHEDD Jr MS Area Resource Devlpmt Spec

3N C THOMPSON BS Area Resource Devipmt Spec

3P H WILDASIN BS Agr Resource Spec

Zoology (Col of Arts and Sci)

10815

2MILTON POTASH PhD Assoc Prof Limnol

VIRGINIA

Virginia Polytechnic Institute, Research Division and Extension Division, Agriculture and Life Sciences. Colleges of Agriculture, Arts and Sciences, and Home Economics, Blacksburg 24061

1College Staff 2Station Staff 3Extension Staff 5Coop USDA 6Coop USDI 41 .egve of Absence

1T M HAHN Jr PhD Pres

1W W BRANDT PhD Vice Pres for Academic Affairs

1S K CASSELL MS Vice Pres for Admin

2W B HARRISON PhD Dean of Res Div

2C T WILSON PhD Assoc Dean of Res Div and Dir of Agr Expt Sta (703-552-6697)

3W E SKELTON PhD Dean of Ext Div and Dir of Coop Ext Serv (703-552-6705)

3W E LAVERY PhD Dir Admin Mat

3P H DeHART MS Dir Agrand 4-H

3G E RUSSELL PhD Dir Home Econ and Resource Devlomt

123.1 E MARTIN PhD Dean of Col of Agr (703-552-6337) 12P H MASSEY Jr PhD Assoc Dean for Res and Grad Studies in Col of Agr and Assoc Dir Agr Expt Sta (703-552-6698)

1T J HORNE PhD Assoc Dean for Res Instr in Col of Aar

1L F MALPASS PhD Deam of Col of Arts and Sci

IR V DIETRICH PhD Assoc Dean of Col of Arts and

123LAURA J HARPER PhD Decon of Col of Home Econ and Asst Dir Agr Expt Sta (703-552-6779) 2C H DUNCAN Asst to Deam of Res Div 1J F BOONE BS Treas

123T B HUTCHESON Jr PhD Prof and Head of Dept 2M W ALEXANDER MS Asst Prof Crops (PO Holland)

3A H ALLISON BS Asst Prof Peanuts and Soybeans (PO Holland)

2D.F AMOS MS Asst Prof Soil Charterization JM S BAKEH Seed Certif

12R E BLASER PhD Prof Crop Mgt

2R L BOMAN MS Instr Crop Mgt (PO Middleburg) 2H T BRYANT PhD Assoc Prof Agron and Supt Va

Forage Res Sta (PO Middleburg) 2G R BUSS PhD Asst Prof Plant Brdg

2H M CAMPER Jr BS Asst Prof Agron and Supt Eastern Va Res Sta (PO Warsaw)

12E W CARSON Jr PhD Asst Prof Crops

2M T CARTER MS Assoc Prof Agron (PO Petersburg)

23H M CLARK BS Prof Crop Prod and Supt Tidewater Res Sta (PO Holland)

2W J EDMONDS BS Instr Soil Surv

2J H ELDER Jr BS Asst Prof Soil Surv

3G R EPPERSON BS Assoc Prof Soils

12C F GENTER PhD Prof Plant Brda

23E F GOLDSTON BS Asst Prof Soil Surv
2D L HALLOCK PhD Assoc Prof Soil Fert (PO Holland)

2R C HAMMES Jr BS Asst Prof Crop Mot (PO Middleburg)

2R E HANES MS Instr Crop Mgt

3R L HARRISON PhD Assoc Prof Seeds

3G W HAWKINS PhD Assoc Prof Soil Fert

2R L HODGES BS Instr Soil Surv

2G D JONES BS Asst Prof Agron and Supt Piedmont Res Sta (PO Orange)

23D L KASTER BS Asst Prof Soil Survey

12WYBE KROONTJE PhD Assoc Prof Soil Fert

3W W LEWIS MS Prof Crops and Soil Ext Proj Ldr 23L A LINK MS Asst Prof Tobacco (PO Glade Springs)
2J A LUT Z MS Asst Prof Soil Fert

12D C MARTENS PhD Assoc Prof Soil Fert

23H L MATHEWS MS Asst Prof Soil Surv

2W J MEYER MS Asst Prof Soils

5J D MILLER PhD Prof Plant Brda

2W W MOSCHLER MS Asst Prof Soil Fert

2R W MOZINGO MS Instr Peanut Variety Eval (PO Holland)

12S S OBENSHAIN PhD Prof Soils

12J D PENDLETON PhD Assoc Prof Soils

123H C PORTER BS Assoc Prof Soils

12C I RICH PhD Prof Soils

2GLENN RICHARDSON MS Asst Prof Soil Surv

2M J ROGERS BS Asst Prof Agron and Supt Tobacco Res Sta (PO Chatham)

12R E SCHMIDT PhD Assoc Prof Turf 3J F SHOULDERS MS Assoc Prof Turf

2EDWARD SHULKCUM MS Asst Prof Plant Brdg

2T J SMITH PhD Prof Plant Brdg 12T M STARLING PhD Prof Plant Brda

2J P SUTTON MS Instr Soil Surv

12L H TAYLOR PhD Prof Plant Brda 12T R TERRILL PhD Asst Prof Plant Brda

3J L TRAMEL Jr PhD Assoc Prof Tobacco

3J R WHATELY BS Seed Certif 3H E WHITE PhD Asst Prof Forage

2J M WOODRUFF MS Instr Crop Mgt 2D D WOLF PhD Asst Prof Crop Mgt

2L W ZELAZNY MS Instr Crop Mat

Animal Science

10840

123G W LITTON MS Prof and Head of Dept 3G A ALLEN Jr MS Prof Sheep

3L B ALLEN MS Asst Prof Gen Livestock (PO Warsaw) 3W R BACKUS PhD Asst Prof Quality Control in Meat Anim

2K P BOVARD PhD Assoc Prof Anim Genet (PO Front Royal)

3J H CARTER Jr MS Asst Prof Swine (PO Holland)

12R C CARTER PhD Prof Anim Genet 3C R COOPER PhD Asst Prof Swine

12J S COPENHAVER MS Assoc Prof Livestock Mat

10840-10910 VIRGINIA

Animal Science-Continued

3A L ELLER Jr MS Asst Prof Beef Cattle 12J P FONTLNOT PhD Prof Anim Nutr

12J A GAINES PhD Assoc Prof Anim Genet 12G G GREEN PhD Assoc Prof Anim Nutr

3A N HUFF MS Asst Prof 4-H Livestock Spec 12E T KORNEGAY PhD Assoc Prof Swine Nutr

12T J MARLOWE PhD Prof Anim Genet 3C C MAST BS Prof Beef Prod Ext Proj Ldr

2F S McCLAUGHERTY MS Asst Prof Anim Sci and Supt Southwest Va Res Sta (PO Glade Spring)

2W H McCLURE MS Asst Prof Anim Sci and Supt Shenandoah Valley Res Sta (PO Steeles Tavern)

12T N MEACHAM PhD Assoc Prof Physiol Reprod 12G L MINISH PhD Asst Prof Anim Nutr

3G A MORROW PhD Asst Prof Horse Spec

25B M PRIODE MS Assoc Prof Anim Sci and-Supt Beef Cattle Res Sta (PO Front Royal)

2H R THOMAS MS Assoc Prof Swine (PO Holland) 124D W VOGT PhD Asst Prof Statis

3K C WILLIAMSON MS Prof Beef Cattle Mkta

**Biochemistry and Nutrition** 

10850

12C J ACKERMAN PhD Assoc Prof Bicohem

12L B BARNETT PhD Assoc Prof Biochem

12R D BROWN PhD Asst Prof Biochem 12G E BUNCE PhD Asst Prof Biochem

12T C CAMPBELL PhD Asst Prof Biochem

3S B CARR PhD Asst Prof Forage Eval

2R W ENGEL PhD Prof Chief VPI Party AID Philippines

12J P FONTENOT PhD Prof Anim Nutr

12J L HESS PhD Asst Prof Biochem

12K M PLOWM AN PhD Asst Prof Biochem 2N O PRICE MS Assoc Prof Biochem

12R R SCHMIDT PhD Prof Biochem

12R E WEBB PhD Assoc Prof Biochem 12R W YOUNG MS Asst Prof Biochem

Biology (Col of Arts and Sci)

10860

10870

1R A PATERSON PhD Prof and Head of Dept

12R E BENOIT PhD Assoc Prof Bact
1D G BENSON PhD Asst Prof Zool

12JOHN CAIRNS Jr PhD Prof Zool

1W A CALDER PhD Asst Prof Zool

12G R CARTA PhD Asst Prof Bact

1W C DICKINSON PhD Asst Prof Bot

1A G HEATH PhD Asst Prof Zooi and Asst Dean Arts and Sci

1R B HOLLIMAN PhD Assoc Prof Zool

12P C HOLT PhD Prof Zool 1P W KIRK PhD Asst Prof Bot

12N R KRIEG PhD Assoc Prof Bact

12R S MITCHELL PhD Asst Prof Bot 12S E NEFF PhD Assoc Prof Zooi Hydrobiol

1R W RHOADES PhD Asst Prof Bot

1R D ROSS PhD Prof Zool

1H R STEEVES Jr PhD Assoc Prof Zool 8099 Histo-

Chem

12E R STOUT PhD Asst Prof Bot 12D A WEST PhD Assoc Prof Zool 1C D WILDER PhD Asst Prof Zool

### Clothing, Textiles, and Related Arts (Col of Home Econ)

10865 13ORIS GLISSON MS Prof and Head of Dept

3MARGARET A GROSECLOSE MS Assoc Prof Cloth and Text Ext Proj Ldr

3KATHERINE L HABEL MS Asst Prof Home Furn 13Mrs MARY K LYON PhD Assoc Prof Home Furn

12W L MAULDIN PhD Assoc Prof Text 3LINDA McGRAW MS Instr Cioth

3Mrs MILDRED A PAYNE MS Asst Prof Home Furn 3Mrs RITA S PURDY MS Instr Cloth and Text 1ENID F TOZIER PhD Assoc Prof Cioth

Dairy Science

123J.R NICHOLS PhD Prof and Head of Dept

Dairy Science-Continued

3V L BALDWIN PhD Assoc Prof

2R L BOMAN MS Instr Dairy Sci (PO Middleburg)

3R E BUFFINGTON MS Instr Youth Proa

12P T CHANDLER PhD Asst Prof Nutr

12W M ETGEN PhD Prof Mat 12G C GRAF PhD Prof Physiol

23J A LINEWEAVER PhD Asst Prof Physiol

13W R MURLEY PhD Prof Ext Proj Ldr

3W N PATTERSON MS Assoc Prof Dairy Records

12C E POLAN PhD Asst Prof Nutr 12R G SAACKE PhD Assoc Prof Physiol

12R A SANDY MS Assoc Prof

24N R THOMPSON PhD Assoc Prof Genet

12J M WHITE PhD Asst Prof Genet

Economics (Agr)

10880

123J E MARTIN Prof and Acta Head of Dept

3J B BELL PhD Assoc Prof Fruit and Vea Mkta
12J T BUCK PhD Prof Poultry Mkta

12R L CHAMBLISS Jr MS Assoc Prof Form Mgt

12M C CONNER PhD Prof Milk Mktq 12W L GIBSON Jr PhD Prof Land Econ

5W D GIVAN MS Instr Farm Mat (ERS) 3M R GLASS MS Instr Bus Mat

12P H HOEPNER PhD Assoc Prof Prod Ecor 12J M JOHNSON PhD Prof Fruit Mktg

12R G KLINE PhD Prof Farm Mat 5T W LITTLE MS Instr Farm Mat

3D U LIVERMORE M.S Prof Bus Mat Ext Proj Ldr

3D L LONG PhD Prof Consum Econ 3K E LOOPE MS Assoc Prof Form Mgt

13W RLUCKHAM PhD Assoc Prof Poultry Mktg
3J P MARSHALL PhD Assoc Prof Pub Policy

3J M MOORE MS Asst Prof Farm Mat

5D B NARRIE MS Instr Grain Mkta (ERS)
1J D OLIVER MS Asst Prof Farm Mat

123A J ORTEGO PhD Assoc Prof Dairy Mkta 3R K REYNOLDS MS Asst Prof Farm Mgt

3V M SHEPPARD Jr MS Assoc Prof Livestock Mktg

12T E SNIDER PhD Asst Prof Finance and Credit 3H W WALKER MS Asst Prof Farm Mat

5A J WALRATH PhD Prof Land Econ (ERS)

Education (Col of Arts and Sci)

10900

1R W BEAMER EdD Prof Vocat Educ and Head of Dept of Educ

12B C BASS EdD Assoc Prof Agr Educ

1Mrs LUCY C CRAWFORD MA Assoc Prof and Head of Distrib Educ

1L G DUENK PhD Assoc Prof and Head of Vocat Indus Educ

1W L GRIGGS MS Assoc Prof Indus Arts Educ 1BETH C JORDAN MS Prof Home Econ Educ

1D L KINNEAR PhD Prof Educ and Psychol

1A H KREBS PhD Prof and Head of Aar Educ 1R G LOUIS MS Assoc Prof Indus Arts Educ

1S R LUCAS PhD Asst Prof Distrib Educ

1C S McLEAREN MS Assoc Prof Agr Educ

IC E RICHARD MS Assoc Prof Agr Educ

1J E RUTROUGH MS Assoc Prof Educ

1ROSE E SABAROFF EdD Prof Educ

1J A SCHAD MS Prof and Head of Indus Arts Educ 1W L SHELL PhD Assoc Prof Bus Educ

1J R STEWART EdD Prof and Head of Bus Educ 1E S SWEETER PhD Asst Prof Educ

1R M TODD EdD Asst Prof Math and Educ 1R A WALL MS Asst Prof Aar Educ 1L J WEBER EdD Asst Prof Educ

Engineering (Agr)

10910

2E S BELL Jr MS Assoc Prof Elec Power and Proc 3B H BINGHAM BS Instr Bida Pian Serv
5J B BURFORD BS Asst Prof Soil and Water Conserv (ARS)

13J L CALHOUN MS Prof Elec Power and Proc 12U F EARP MS Prof Elec Power and Proc

VIRGINIA 10910-10940

### Engineering (Agr)-Continued

3E B HALE MS Assoc Prof Soil and Water Enar

12D D HAMANN PhD Asst Prof Power and Mach 1G H HETZEL ME Instr Aar Mech

2H T HURST MS Prof Structures
5J N JONES MS Assoc Prof Soil and Water Conserv

3G D KITE MS Prof Farm Structures Ext Proj Ldr

2G A KRANZLER MS Instr Elec Power and Proc

3A J LAMBERT MS Assoc Prof Elec Power and Proc 2J H LILLARD MS Prof Soil and Water Conserv

2McNEIL MARSHALL BS Assoc Prof Structures 12J P H MASON Jr PhD Assoc Prof Structures

IV L McCOY Instr Farm Shop

3E W MUNDIE BS Prof Natural Resource Conserv 1B L PARSONS MS Assoc Prof Soil and Water Conserv

2V O SHANHOLTZ MS Instr Soil and Water Conserv

3E S SMITH MS Assoc Prof Farm Mach 3R A SPRAY MS Instr Elec Power and Proc

51 M STANLEY MS Assoc Prof Elec Power and Proc (ARS)

1T J WAKEMAN MS Prof Agr Mech

3C D WHEARY BS Assoc Prof Structures

### 10920 **Entomology**

123J M GRAYSON PhD Prof and Head of Dept

3W A ALLEN MS Instr Ins Surv

3J M AMOS MSA Assoc Prof Gen Ent 2M L BOBB PhD Prof Biol Control Fruit Ins (PO

Charlottesville)

2S D CARLSON PhD Asst Prof Ins Behavior

12D G COCHRAN PhD Prof Biochem Physiol Genet 2C B DOMINICK MS Assoc Prof Tobacco Ins (PO Chatham)

2H J HEIKKENEN PhD Assoc Prof For Ins

12R D HENDRICK PhD Asst Prof Forage Ins

2C H HILL PhD Prof Fruit Ins (PO Winchester)

12MICHAEL KOSZTARAB PhD Prof Scale Ins

12R L PIENKOWSKI PhD Assoc Prof Forage Ins 2Mrs MARY H ROSS PhD Instr Ins Genet

3J O ROWELL PhD Prof Gen Ent Ext Proj Ldr 2J:C SMITH PhD Asst Prof Peanut Ins (PO Holland)

12E C TURNER Jr PhD Prof Livestock Ins

3J A WEIDHAAS Jr PhD Assoc Prof Nursery Woody

Omorn Plants

2A M WOODSIDE MS Assoc Prof Forage Ins (PO Steeles Tovern)

# Extension Service - Administration and Programs

3W E SKELTON PhD Dean of Ext Div and Dir of Coop Ext

3W E LAVERY PhD Dir Admin Mat

3P H DeHART MS Dir Acr cond 4-H

3G E RUSSELL PhD Dir Home Econ and Resource Devlomt

3R L SMITH PhD Dir Cont Educ Center State Tech Serv Gen Ext and Br Cols

3M C HECKEL PhD Dir of Prog Cont Educ Center

3E S ALLEN MS Dist Act (PO Salem)

3R W BLANTON MS Prog Ldr 4-H

3G T BLUME PhD Ext Spec Sociol
3E W CARSON BS Dist Aqt (PO Appomattox)
3G H CLARK BS Dist Aqt (PO Luray)

3P B DOUGLAS BS Dist Agt (PO Abingdon)

3M F ELLMORE PhD State Ldr Aar

3D R FESSLER PhD Ext Spec Sociol
3HEIDI E FORD MS Ext Spec Home Econ (PO

Pet**er**sburg) 3Mrs ANN W FRAME MS Prog Ldr Home Econ

3H B FRANKLIN Jr MS Prog Ldr Resource Devlomt

(PO Appomattox)

3Mrs FRANCES H GRAHAM MS Prog Ldr Home Econ (PO Salem)

3ETHEL L GRUBBS MS Ext Spec Home Econ 3R H GRUENHAGEN PhD Ext Spec Chem Drugs and

Pesticides 3Mrs CALLIE C HARDWICKE MA Prog Ldr Home Econ (PO Richmond)

3MARY E HARRIS ME Prog Ldr Home Econ (PO Abinadon)

# Extension Service-Administration and Programs—Continued

3Mrs THELMA T HEWLETT MS Ext Spec Home Econ (PO Richmond)

3TOMMIE LOU HUNTER MS Prog Ldr Home Econ (PO Luray)

3W H JUDY PhD Proa Ldr Aar (PO Emporia)
3N E LAU PhD Ext Spec Chem Drugs and Pesticides

Coord

3H A LITTLE MS Prog Ldr Agr (PO Tappahannock)

3S E MARSHALL BS Ext Spec Agr (PO Petersburg) 3C M McBRIDE MS Prog Ldr 4-H

3MARY H McCOY MS Prog Leader Home Econ

3 GENE McMURTRY PhD State Ldr Resource Devlomt

3D J MOORE MS Prof Ldr 4-H (PO Abinadon)
3P J MOORE PhD Ext Spec Training

3R W NEWSOME BSA Asst State Leader Admin (PO Petersburg)

3J B NORMENT BS Dist Agt (PO Richmond)

3A T POOLE Jr MS Prog Ldr Agr (PO Appomattox)

3R H PUSEY MS Assoc Dir State Tech Serv 3D T ROGERS Jr BS Dist Agt (PO Emporia)

3J B SHRYOCK MS Prog Ldr Resource Devlomt (PO Abinadon)

3T P SIBURT DVM Ext Spec Chem Drugs and Pesticides

3A R SLAYTON PhD State Ldr Training

3R L SWAIN Acct

3E T SWINK MS Ldr Rural Civ Def

3ANN E THOMPSON PhD State Ldr Home Econ

3J M TYREE MS State 4-H Ldr

3W R VANDRESSER DVM State Ldr Admin

3B H WEDDLE Jr MS Prog Ldr Agr (PO Luray)

### 4-H CLUB

3J M TYREE MS Prof

3C D ALLEN PhD Assoc Prof

3D A DYLR PhD Assoc Prof

3J A REYNOLDS MS Assoc Prof

3SHIRLEY P RICHARDS MS Asst Prof 3MARTHAL YORK MS Asst Prof

### Food Science and Technology

10934

123E N BOYD PhD Prof and Head of Dept

23F W COOLER PhD Assoc Prof

2P P GRAHAM MS Instr

12R F KELLY PhD Prof 1P M LARGE MS Asst Prof

12ANTHONY LOPEZ PhD Prof

3G J NAGEOTTE MS Assoc Prof

2W K STONE PhD Prof

12C B WOOD MS Assoc Prof

# Forestry and Wildlife

10940

123J F HOSNER PhD Prof and Head of Dept 12R E ADAMS MF Asst Prof For

6K B CUMMING PhD Ldr Fisheries Unit 12M L DAHLBERG MS Asst Prof Fisheries

12L S DAVIS PhD Assoc Prof For Econ

23G R DUDDERAR MS Instr Wildlife

6R DESTES MS Asst Ldr Fisheries Unit

2R H GILES PhD Assoc Prof Wildlife

3C E GILL MF Assoc Prof For 2H J HEIKKENEN PhD Assoc Prof For Ent

123C J HOLCOMB BF Prof For

12GEZA IFJU PhD Assoc Prof Wood Prods

12R L KIRKPATRICK PhD Asst Prof Wildlife Physiol

3F M LAMB MS Instr Forest Util 2E F LYON MS Instr For Econ

12H A MADGWICK PhD Assoc Prof Ecol

3R T MARKS PhD Assoc Prof For Econ Ext Pro Ldr 12R E MARTIN PhD Assoc Prof For Util

3W A McELFRESH MS Asst Prof For

6B S McGINNIS PhD Prof Game Mat. 12H S MOSBY PhD Prof Wildlife Conserv

3R C PARKER MS Instr For 12D P RICHARDS MS Instr For Econ

12D V SMITH MF Assoc Prof For

3D A STUMBO MS Instr Wood Prods Util

VIRGINIA 10940-11000

### Forestry and Wildlife-Continued

12A D SULLIVAN PhD Asst Prof For Biomet 12E F THOMPSON PhD Asst Prof For

### Home Economics Education (Col of Home Econ)

1BETH C JORDAN MS Prof.

10960

10962

10950

Horticulture 123H A ROLLINS Jr PhD Prof and Head of Dept

12M E AUSTIN PhD Asst Prof Oler 12J A BARDEN PhD Asst Prof Pomol

13A S BEECHERMLA Prof Landsc

3F R DREILING MS Assoc Prof Pomol

13J A FAISZT MLA Assoc Prof Landsc 3J C GARRETT MS Asst Prof Landsc

12FRANK HORSFALL Jr PhD Prof Pomol

13W P JUDKINS PhD Prof Ornam Hort 12R S LINDSTROM PhD Prof Flor

12G E MATTUS PhD Prof Pomol and Oler

12G D OBERLE PhD Prof Plant Genet 23C R O'DELL MS Instr Pomol and Oler

23E L PHILLIPS MS Assoc Prof Pomol (PO Charlottesville) 23F D SCHALES PhD Assoc Prof Oler

123P L SMEAL PhD Prof Flor and Landsc 23G R WILLIAMS MS Prof Pomol Ext Proj Ldr

Human Nutrition and Foods (Col of Home Econ)

123S J RITCHEY PhD Prof and Head of Dept
12R P ABERNATHY PhD Assoc Prof Human Nutr
3JO ANNE BARTON MS Asst Prof Foods and Nutr Ext Pro<sub>1</sub> Ldr

2Mrs JEANETTE C GORMAN MS Instr Nutr and Foods 12MARY K KORSLUND MS Asst Prof Foods and Nutr 3MARJORIE A PORTER MS Instr Foods and Nutr 12Mrs PATRICIA J ROGERS PhD Asst Prof Foods

10963 Information

1W H STROTHER MS Dir 3F C BIGGER BA Dir of Pub and Vis Aid Serv 13H D DAMANT BA Dir Press Serv

3F L GILMORE BA Assoc Ed 3J.F MERRIFIELD BS Electronics Commun Supvr

23Mrs ANNE S MILHOUS Tech Pub Ed 23W G MITCHELL MA Dir Inform Bur 23L W O'NEILL BS Inform Dir A

23W M VOGT BS Tech Pub Supvr

Management, Housing and Family Development (Cal of Home Econ) 10964

123J E MONTGOMERY PhD Prof and Head of Dept 1Mrs SHIRLEY FARRIER EdD Instr Child Devlpmt 3AMELIA FULLER MS Assoc Prof Home Mat Ext Proj Ldr

3WANDA A GOLDEN MS Instr Housing 3GAYNELLE HOGAN MS Asst Prof Consum Educ 1MARY A KIMBRELL MS Assoc Prof Child Devipmt 3Mrs LAURA D KIVLIN EdD Assoc Prof Home Mgt 12ESTHER A MARTIN PhD Assoc Prof Home Mot 13J W MAXWELL Jr PhD Asst Prof Fam Dvlpmt 12KATHRYN PHILSON PhD Prof Housing 3KATHLEEN W WAMPLER MS Asst Prof

Plant Pathology and Physiology 10970

123H B COUCH PhD Prof Plant Path and Head of Dept Dis Turfgrasses and Root Dis

12S W BINGHAM PhD Assoc Prof Plant Physiol Growth Regulation

123W E CHAPPELL PhD Prof Plant Physiol Growth Regulation

23J S COARTNEY PhD Asst Prof Plant Physiol Herbicides

2G E COATS MS Instr Plant Physiol Herbicides 123C R DRAKE PhD Assoc Prof Plant Fruit Dis 12J A FOX PhD Asst Prof Plant Path Nematode Genet

12C L FOY PhD Assoc Prof Plant Physiol Growth Regulation

Plant Pathology and Physiology-Continued

5K H GARREN PhD Prof Plant Path Peanut Dis Pod Rot (ARS) (PO Holland)

2G J GRIFFIN PhD Asst Prof Plant Path Root Dis 12M G HALE PhD Assoc Prof Plant Physiol Growth Rea

Root Exudates 12R G HENDERSON PhD Prof Plant Path Tobacco Dis

Resistance

2K D HICKEY PhD Assoc Prof Fruit Dis (PO Winchester)

3A H KATES MS Assoc Prof Plant Physiol Herbicides

23R C LAMBE PhD Assoc Prof Plant Path Ornam Dis Ext Pmi Ldr

2J L LaPRADE MS Assoc Prof Plant Path Tobacco Dis Resistance (PO Chatham)

2L I MILLER PhD Prof Plant Path Nematol (PO Holland)

12L D MOORE PhD Asst Prof Plant Path Physiol of Dis 23W WOSBORNE PhD Assoc Prof Plant Path Nematol

5D M PORTER PhD Asst Prof Plant Path Peanut Dis (ARS) (PO Holland)

23ROBERT PRISTOU PhD Assoc Prof Plant Path Soybean Dis

12C W ROANE PhD Assoc Prof Plant Path Genet Host Parasite Interactions

120 E RUD PhD Asst Prof Plant Physiol Growth Regulation

12G M SHEAR PhD Prof Plant Physiol Mineral Nutr 123J M SKELLY PhD Asst Prof For Tree Dis 2LUBEN SPASOFF MS Asst Prof Plant Path Dis Control

12J P STERRETT PhD Asst Prof Plant Physiol Growth Regulation

123R J STIPES PhD Asst Prof Shade Tree Dis 2SUE A TOLIN PhD Asst Prof Plant Path Virol
12A S WILLIAMS PhD Assoc Prof Plant Path Nematol 12W H WILLS PhD Assoc Prof Plant Path Root Dis Tobacco

Poultry Science

123C E HOWES PhD Prof and Head of Dept

12W L BEANE MS Asst Prof Mgt

3D D BRAGG MS Assoc Prof Com Egg Prod

3R H BURTNER MS Assoc Prof Youth Prog Waterfowl Rabbits

12E O ESSARY PhD Prof Poultry Mkta Technol

12C E HOLMES PhD Prof Genet 23MIKE KELLY PhD Asst Prof Nutr

12A T LEIGHTON Jr PhD Assoc Prof Genet

3D D MOYER MS Assoc Prof Turkey Prod 12L M POTTER PhD Assoc Prof Turkey Nutr

3A T RINGROSE PhD Assoc Prof Broiler Prod 12P B SIEGEL PhD Prof Genet and Behavior

12H P VAN KREY PhD Asst Prof Avian Physiol 3W D WEAVER Jr MS Asst Prof Spec at Large (PO Luray)

3R L WESLEY PhD Assoc Prof Poultry Proc Technol Ext Proj Ldr

12E L WISMAN PhD Assoc Prof Nutr

Statistical Laboratory (Col of Arts and Sci) 10000 12BOYD HARSHBARGER DSc PhD Prof and Head of

Dept 12J C ARNOLD PhD Asst Prof Statis

1WHITFIELD COBB PhD Assoc Prof Statis 1I J GOOD PhD Reseach Prof Statis

IW E HEINZELMAN BS Instr Statis 12K H HINKELMANN PhD Assoc Prof Statis

12D R JENSEN PhD Assoc Prof Statis

1W L JOHNSON MS Assoc Prof Statis
2C Y KRAMER PhD Prof Statis

12R G KRUTCHKOFF PhD Assoc Prof Statis 12J C LAMBERT PhD Asst Prof Statis 12R H MYERS PhD Assoc Prof Statis

12JAMES PICK ANDS III PhD Asst Prof Statis 12A D SULLIVAN PhD Asst Prof Statis

Veterinary Science

123D F WATSON VMD Prof and Head of Dept 12T L BIBB DVM MS Asst Prof Clin Med Biol 11000

10980

11000-11140 YIRGINIA

Veterinary Science-Continued	2D E GREENWOOD PhD Ent
2Mrs ELIZABETH P CATO MS Instr Bact	2T J NUGENT MS Plant Path
12GERMILLE COLMANO DVM PhD Prof Physiol	5G A PEARSON PhD Plant Physiol
2C S CUMMINS MD PhD Prof Bact	2F B STEWART PhD Soil Sci
12J W DAVIS DVM PhD Prof Bact	Factorn Shore Branch, Painter 23420 11040
2C H DOMERMUTH Prof Bact	<b>Eastern Shore Branch</b> , <i>Painter 23420</i> <b>11040 2E M DUNTON</b> Jr PhD Soil Sci in Chq (703-442-6411)
12R T DuBOSE DVM MS Prof Virol	2R E BALDWIN PhD Plant Path
12W B GROSS DVM PhD Prof Poultry Path	2BOYETT GRAVES MS Hort
2Mrs LILLIAN V HOLDEMAN PhD Prof Bact	2R N HOFMASTER PhD Ent
2J L JOHNSON PhD Asst Prof Bact	2H P WILSON PhD Plant Physiol
3S L KALISON DVM BS Prof Ext Vet Ext Proj Ldr	ZIII WILDOW IND TITUTE WAS A STATE OF THE PARTY OF THE PA
2K G LIBKE DVM MS Prof Path 3G A MacINNIS DVM BS Assoc Prof Ext Vet	The Schools of Agriculture and Home Economics of
3G L McNEILLY DVM MS Assoc Prof Ext Poultry Vet	Virginia State College, Petersburg 23803
2W E C MOORE PhD Prof Bact	
2J C OSBORNE DVM MS Prof Path	1College Staff 2State Staff 3Extension Staff
2R M SMIBERT PhD Prof Bact	4Leave of Absence 5Coop USDA
2L D SMITH PhD Prof Bact	11000
	11050
Outlying Research Stations 11010	1.J F TUCKER PhD Pres 1.J B CEPHAS BS Treas-Comptroller
Beef Cattle Res Sta (PO Front Royal-Coop USDA)	10 R JOHNSON PhD Dir of Sch of Agr and Prof Ag Ed
25B M PRIODE MS Asst Prof Anim Sci and Supt	(Tel 703-526-5111 Ext 358)
2K P BOVARD PhD Assoc Prof Genet	MILDRED N JORDAN Dir of Sch of Home Econ
Eastern Virainia Res Sta (PO Warsaw)  2H M CAMPER Jr BS Asst Prof Agron and Supt	and Prof Home Econ Educ
3L B ALLEN MS Asst Prof Gen Livestock	1W S EDMONDS PhD Dir of Div of Res and Prof Physcol
Piedmont Res Sta (PO Orange)	(Tel 703-526-5111 Ext 366)
2G D JONES BS Asst Prof Agron and Supt	(100 000 000 0000
Shenandoah Valley Res Sta (PO Steeles Tavem)	Agricultural Economics and Business 11060
2W H McCLURE MS Asst Prof Anim Sci and Supt	1M. T CARTER MS Assoc Prof and Head of Dept
2A M WOODSIDE MS Assoc Prof Forage Ins	1SOPARK MS Asst Prof
Southwest Va Res Sta (PO Glade Sprina)	
2F S McCLAUGHERTY MS Asst Prof Anim Sci and Supt	Animal Science 11070
23L A LINK MS Asst Prof Tobacco	1B K HOLLAND MS Assoc Prof and Head of Dept
Tidewater Res Sta (PO Holland)  23H M. CLARK BS Prof Crop Prod and Supt	II C PEOPLES MS Asst Prof of Poultry
2M W ALEXANDER MS Asst Prof Crops	1J E SETTLE DVM. Assoc Prof
3A H ALLISON BS Asst Prof Peanuts and Sovbeans	Biology (Sch of Arts and Sci) 11090
3J H CARTER Jr MS Asst Prof Swine	1B R WOODSON PhD Prof and Head of Dept
5G B DUKE BS Assoc Prof Agr Engin (ARS)	1NATHANIEL BOGGS Jr PhD Prof
5K H GARREN PhD Prof Plant Path Peanut Dis Pod	1Mrs IRENE R CLARK MEd Instr
Rot (ARS)	1F C DIVERS MS Instr
2D L HALLOCK PhD Assoc Prof Soil Fert	1R H DUNN PhD Prof
2L I MILLER PhD Prof Plant Path Nematol	1H D HAMLETT PhD Assoc Prof
2R W MOZINGO MS Instr Peanut Variety Eval	1R C HOWARD PhD Prof Zool
5D M PORTER PhD Asst Prof Plant Path Peanut Dis	1Mrs EVELYN W JEMISON MS Assoc Prof
(ARS) 2J'C SMITH PhD Asst Prof Peanut Ins	1R F NEWKIRK BS Instr
2H R THOMAS MS Assoc Prof Swine	4M L POWELL MS Asst Prof 4A O SMITH MS Instr
Tobacco Dis Res Sta (PO Chatham)	1G W SMITH MS Instr
2J L LaPRADE MS Assoc Prof Plant Path Tobacco Dis	1J G TOWNSEL PhD Assoc Prof
Resistance	
Tobacco Res Sta (PO Chatham)	Chemistry (Sch of Arts and Sci) 11100
2C B DOMINICK MS Assoc Prof Tobacco Ins	1S M MOFFETT PhD Prof and Acta Head of Dept
2M J ROGERS BS Asst Prof Agron and Supt	1T.N BAKER PhD Prof
Virginia Forage Hes Sta (PO Middleburg)	IMrs ORCHID L BROWN MS Asst Prof
2H T BRYANT PhD Assoc Prof Agron and Supt	1J H TROTTER MS Assoc Prof
2R C HAMMES Jr BS Asst Prof Crop Mgt	Economics (Sch of Com) 11110
2R L BOMAN MS Instr Dairy Sci	Economics (Sch of Com)  1H J BATTLE PhD Prof and Head of Dept
Virginia State Col Res Sta (PO Petersburg)	1E V ALLGOOD DEd Assoc Prof
2M T CARTER MS Assoc Prof Agron	1L E PRICE MA Asst Prof
Outlying Laboratories 11020	1W T RICHIE PhD Frof
Piedmont Res Lab (PO Charlottesville)	
2M L BOBB PhD Prof Biol Control Fruit Ins	Education 11120
23E L PHILLIPS MS Assoc Prof Pomol	1M A FIELDS PhD Prof and Head of Dept
Winchester Res Lab (PO Winchester)	1F W NICHOLS MS Asst Prof
2K D HICKEY PhD Assoc Prof Fruit Dis	Engineering 11130
2C H HILL PhD Prof Fruit Ins	Fildingaring
Vissisia Touch Esperiment Service Nortall 22501	1A J MILLER EdD Prof
Virginia Truck Experiment Station, Norfolk 23501	Geology 11135
2Station Staff 3Extension Staff 5Coop USDA	1MACK GIPSON Jr PhD Prof Sedimentol
second state second of the source second	1E K RADER MS Asst Prof
11030	
2W H BRITTINGHAM PhD Dir (703-464-3528)	Home Economics 11140
2J W ABERNATHIE PhD Hort	1Mrs CLEOPATRA W ARMSTRONG MA Assoc Prof
2E A BORCHERS PhD Plant Brdr	Cloth  Mrs GENEVA I BAKER MA Assoc Prof Applied Art

Home Economics-Continued

1DELLA BANNISTER MS Asst Prof Foods and Nutr and Home Mat

1Mrs IRENE F COSBY MS Asst Prof Home and Fam Life

1Mrs REBECCA T DAVIS MS Asst Prof Child Care and Fom Life

1Mrs IDA M SCOTT MS Assoc Prof Child Care and Fam Life

Microbiology 11152

1C A DAVENPORT PhD Prof and Head of Dept 1J UPADHYAY PhD Prof

11155 Physics (Sch of Arts and Sci) 1J C DAVENPORT PhD Prof and Head of Dept

1G W HENDERSON MS Asst Prof 1C E STRONACH MS Asst Prof

IMrs HELEN S WILLIAMS MS Asst Prof

Plant and Soil Science

1W L WATSON PhD Prof Hort and Head of Dept 1P S'BENEPAL PhD Assoc Prof Plant Physiol

1C C LEWIS PhD Prof Acron

IL F MARTIN MS Assoc Prof Hort 4B A PERRY PhD Assoc Prof Agron

Miscellaneous

11170 1Mrs CATHERINE V BLAND BLS Actq Libr Dir IALICE A JACKSON MLS Ed Libr

1Mrs SARAH W WALLACE BLS Per Libr

#### WASHINGTON

Washington State University, College of Agriculture

1College Staff 2Research Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Coop TVA

11120

11190

11160

123W G TERRELL Jr PhD Pres

1W A BISHOP BA Vice Pres Bus

1V L SHELTON BA Vice Pres Finance
123L L MADSEN PhD Dean of Col Agr (509 Edison 5-4562) 1 B R BERTRAMSON PhD Dir of Resident Instr (509

Edison 5-4561)

3 J P MILLER MS Dir of Ext (509 Edison 5-3521)

12J S ROBINS PhD Dir of Res (509 Edison 5-4563)

1E J KREIZINGER MS Prof of Agr

12L W RASMUSSEN PhD Asst Dir of Res

13L C STRAIT EdD Assoc Prof and Asst to Dir of Resident Instr and Conf Coord

123W E ZUGER BA Finance Off

23G L JURGENSEN BS Asst Finance Off

12C D MOODIE PhD Prof of Soil Sci and Acta Chmn

25R E ALL AN PhD Assoc Prof and Collab in Agron 2A S BAKER PhD Assoc Soil Sci (PO Puyallup)

2N R BENSON PhD Soil Sci and Hort and Acta Supt

(PO Wenatchee) 25L C BOAWN MS Collab in Agron and Soil Sci

(PO Prosser) 23S F BRAUEN PhD Asst Agron and Agr. Spec (PO)

Puyallup) 25V F BRUNS BS Collab in Agron (PO Prosser)

25C L CANODE PhD Prof and Collab in Agron

12H H CHENG PhD Asst Prof and Asst Soil Sci

25R D COMES PhD Collab in Agron (PO Prosser)

25A M DAVIS PhD Collab in Agron

25J H DAWSON PhD Collab in Agron (PO Prosser)

23A I DOW MS Soil Spec and Assoc Agron (PO Prosser)

25L F ELLIOTT PhD Collab in Agron (PO Prosser)

2D W EVANS PhD Asst Agron (PO Prosser)

3C D FANNING PhD Soils Spec 12W H GARDNER PhD Prof and Soil Sci

25D W GEORGE MS Collab in Agron

12R A GILKESON MS Assoc Prof and Assoc Soil Sci

Agronomy-Continued

23R L GOSS PhD Assoc Agron and Agron Spec (PO Puvallup)

23A R HALVORSON PhD Soil Sci and Spec in Soil Testing

3C B HARSTON PhD Soils and Water Conserv

12R L HAUSENBUILLER PhD Prof and Soil Sci

2D W JAMES PhD Assoc Soil Sci (PO Prosser) 25L C JOHNSON PhD Collab in Agron

12J A KITTHICK PhD Prof and Soil Sci

25J H KLANN BS Collab in Agron

12ANDRIS KLEINHOFS PhD Asst Prof and Asst Agron 2F F KOEHLER PhD Soil Sci

12C F KONZAK PhD Prof and Genet

12A G LAW MS Prof and Agron

1J D MAGUIRE MS Asst Prof and Seed Anal 25D E MILLER PhD Collab in Agron (PO Prosser)

12D G MILLER PhD Asst Prof and Asst Agron

23K J MORRSION PhD Agron and Agron Spec

2W P MORTENSEN PhD Soil Sci (PO Puyallup)

25R G MUELLER MS Collab (TVA)

12T J MUZIK PhD Prof and Agron 2M NAGAMITSU MS Junior Agron (PO Lind)

2C E NELSON MS Agron (PO Prosser)
2W L NELSON MS Assoc Agron and Supt (PO Lind)

12R A NILAN PhD Prof and Chmn Genet Prog

25R I PAPENDICK PhD Collab in Agron
23D V PEABODY Jr MS Assoc Agron and Weed Spec

(PO Mount Vernon)

25C J PETERSON MS Collab in Agron
25C M RINCKER MS Collab in Agron (PO Prosser)

25W C ROBOCKER PhD Assoc Prof and Collab in Agron

25R D SCHIRMAN PhD Collab in Agron

25J L SCHWENDIMAN BS Plant Mater Spec

12H W SMITH PhD Prof and Soil Sci

12W A STARR BS Prof and Soil Sci

23D G SWAN PhD Assoc Agron and Weed Spec 12I D TEARE PhD Asst Prof and Asst Agron

23D O TURNER MS Assoc Agron and Soil Spec (PO Puyallup)

250 A VOGEL PhD Prof and Collab in Agron

12R L WARNER PhD Asst Prof and Asst Agron 25V E WILSON PhD Collab in Agron

5F H WEBB BS Supt Plant Mater Center

Animal Sciences

11200 123T H BLOSSER PhD Prof and Anim Sci and Chmn

23R W ANDERSON BA Junior Dairy Sci

3D K ANDREWS PhD Poultry Spec 12U S ASHWORTH PhD Prof and Dairy Sci

2G E BEARSE BS Poultry Sci (PO Puyallup)

12W A BECKER PhD Poultry Sci and Acta Chmn and Prof Genet Prog

2L R BERG PhD Poultry Sci (PO Puvallup)

12J R CARLSON PhD Asst Prof and Asst Anim Sci

12I A DYER PhD Prof and Anim Sci

12M H EHLERS PhD Prof and Dairy Sci

12V L ESTERGREEN PhD Assoc Prof and Assoc Dairy Sci

12T L FORSTER PhD Prof and Dairy Sci

123M W GALGAN PhD Prof and Anim Sci 12E S E HAFEZ PhD Prof and Anim Sci

25S A HALFAWY PhD Collab in Anim Sci

2R S HANSEN BS Assoc Poultry Sci (PO Puyallup)

12P C HARRISON PhD Asst Prof and Asst Anim Sci

2W W HEINEMANN PhD Anim Sci (PO Prosser)

12J K HILLERS PhD Asst Prof and Asst Anim Sci

2A S HODGSON BS Asst Dairy Sci (PO Puyallup)

1IRIS HUGHES MS Instr in Anim Sci 12L S JENSEN PhD Prof and Poultry Sci

3J B JOHNSON MS Livestock Spec

12R J JOHNSON PhD Asst Prof and Asst Anim Sci

3B F KELSO PhD Dairy Spec

Sci

5G E KODITUWAKKU PhD Collabin Anim Sci

12I L KOSIN PhD Prof and Poultry Sci

12G H KROENING PhD Asst Prof and Asst Anim Sci 12L O LUEDECKE PhD Assoc Prof and Assoc Dairy

12L J MANUS PhD Assoc Prof and Assoc Dairy Sci

### WASHINGTON

Animal Sciences-Continu	ued	e	16	,	ı	Ŀ	ı	ı				1		1		i	i			t	i	1	ľ			1					1															0																																																																																																				
-------------------------	-----	---	----	---	---	---	---	---	--	--	--	---	--	---	--	---	---	--	--	---	---	---	---	--	--	---	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

123J AMES McGINNIS PhD Prof and Poultry Sci 3W E McREYNOLDS PhD Livestock Spec

2F R MURDOCK PhD Dairy Sci (PO Puyallup)

12D K NELSON PhD Asst Prof and Asst Dairy Sci 12C C O'MARY PhD Prof and Anim Sci

124M H PUBOLS PhD Asst Prof and Asst Poultry Sci

124A O SHAW PhD Prof and Dairy Sci (AID Pakistan) 12G C SMITH PhD Asst Prof and Asst Anim Sci 12J V SPENCER PhD Assoc Prof and Assoc Anim Sci 3G F WILLIAMS PhD Dairy Spec

11220 Chemistry (Agr)

12R R LEGAULT PhD Prof and Agr Chem and Chm of Dept 6J F ARMSTRONG BS Collab in Chem (USPHS

Wenatchee)

25M A BARMORE PhD Collab in Chem 2D R COAHRAN PhD Asst Chem

25W C FELSENSTIEN MD Collab in Chem (USPHS Wenatchee)

12R J FOSTER PhD Assoc Prof and Assoc Agr Chem

2KERMIT GROVES PhD Agr Chem 2YOSHIKIYO KIMURA PhD Asst Agr Chem (PO

Puvallup)

25S J KITTERMAN MS Collab in Chem 2J M LAWRENCE PhD Agr Chem

23R C MAXWELL MS Asst Agr Chem and Chem Spec

2V L MILLER MS Agr Chem (PO Puyallup) 5G L RUBENTHALER MS Collabin Agr Chem

2C A RYAN Jr PhD Assoc Chem 25W F SOLLARS MS Collab in Chem

5D C STAIFF PhD Collab in Agr Chem (PO Wenatchee)

12R G YOUNG PhD Assoc Prof and Assoc Chem

11240

Economics (Agr)
123J M NIELSON PhD Prof and Agr Econ and Chmn 12P N BARKLEY PhD Assoc Prof and Assoc Agr Econ

25N L BILLS MS Collab in Agr Econ

12L L BLAKESLEE PhD Asst Prof and Asst Agr Econ

12R W BRUCE MA Junior For Econ

124M T BUCHANAN PhD Prof

12W R BUTCHER PhD Assoc Prof and Assoc Agr Econ 23R T DAILEY PhD Asst Agr Econ and Farm Mat Spec 12C D DITWILER PhD Asst Prof and Asst Agr Econ

3S M DORAN MA Farm Mat Spec (PO Prosser)
23K D DUFT PhD Mktq Spec and Asst Agr Econ

3B J FLOREA PhD Farm Mktq Spec 1R J FOLWELL PhD Asst Agr Econ 3E R FRANKLIN MA Mktq Spec

123A H HARRINGTON PhD Mkta Spec and Prof

3R D HENDRICKSON BA Farm Mat Anal

3KARL HOBSON MS Mktg Price Spec

12R A LOOMIS PhD Assoc Prof and Collab in Agr Econ

12R A LOUMIS PRID Assoc Prof and Collab in Agr Econ 12M F MILLER PhD Asst Prof and Asst Agr Econ 12D L OLDENSTADT PhD Assoc Prof and Agr Econ 3A W PETERSON PhD Econ Spec

12D W PRICE PhD Asst Prof and Asst Agr Econ

12W A REHBERG PhD Assoc Prof and Assoc Agr Econ

12L F ROGERS PhD Assoc Prof and Assoc Aar Econ

5L C RUDE MS Collab in Aar Econ 3E N SEARLS PhD Dairy and Poultry Mktg Spec (PO Puvallup)

5D E UMBERGER MS Collab in Agr Econ

12LASZLO VALKO PhD Assoc Prof and Assoc Agr Econ
12M V WAANANEN PhD Prof and Agr Econ

12E E WEEKS PhD Assoc Prof and Assoc Agr Econ 12N K WHITTLESEY PhD Asst Prof and Asst Agr Econ

25E C WILCOX PhD Collab in Agr Econ (PO Seattle)

30 S WIRAK MS Mktg Spec

123M E WIRTH PhD Assoc Prof and Assoc Agr Econ and Farm Mgt Spec

12C H ZUROSKE PhD Assoc Prof and Assoc Agr Econ

**Editorial** 

23C A BOND BA Ed Col of Agrand Ext Ed 2G A BOWMAN MS Res Ed Col of Agr

Editorial—Continued

3RUTH S CARLSON MA Pub Ed 3Mrs ANNA J ERICKSON MA Inform Spec

3E J OTIS BA Inform Spec (PO Puyallup)
3C K PECK MS Inform Spec

3L L RADER BA Radio-TV Spec

3B J SAUER MS Pub Ed

Education (Agr)

11250

10 C LOREEN PhD Prof 1J M WOOD MS Asst Prof

Engineering (Agr)

11260

11270

123JUNE ROBERTS MS Prof and Agr Engin and Chmn of Dept

25D A BACKUS PhD Collab in Agr Engin (PO Yakima)
12D L BASSETT MS Assoc Prof and Assoc Agr Engin
25A G BERLAGE MS Collab in Agr Engin (PO

Wenatchee)

3E H DAVIS MS Agr Engin

12J E GEORGE Jr MS Assoc Prof and Assoc Agr Engin 3M A HAGOOD MS Irrig and Water Use Spec (PO Prosser)

5G M HYDE BS Collab in Aar Engin

12M C JENSEN MS Prof and Agr Engin

25S J MECH BS Collab in Agr Engin (PO Prosser)

2J E MIDDLETON BS Assoc Agr Engin (PO Prosser)
12C C MUELLER PhD Asst Prof and Asst Agr Engin

25G O PATCHEN ME Collab in Agr Engin (PO

Wenatchee)

12C L PETERSON MS Asst Prof and Asst Agr Engin 125C A PETTIBONE MS Asst Prof and Asst Agr Engin

12A E POWELL PhD Assoc Prof and Assoc Agr Engin 25L C SCHOENLEBER BS Collab in Agr Engin (PO

Yakima) 124J B SIMPSON MS Asst Prof and Asst Aar Engin

2G T THOMPSON MS Asst Act Engin
3E B WILSON MS Acr Engin (PO Prosser)
12G E YOST BS Collab in Acr Engin (PO Wengtchee)

Entomology

12R F HARWOOD PhD Prof Ent and Chmn of Dept

12R D AKRE PhD Asst Prof and Asst Ent

2E W ANTHON MS Ent (PO Wenatchee)

12A A BERRYMAN PhD Asst Prof and Asst Ent 2E C BURTS PhD Assoc Ent (PO Wenatchee)

25B A BUTT BS Collab in Ent (PO Yakima)
2W W CONE PhD Assoc Ent (PO Prosser)
25D L COUDRIET BA Collab in Ent (PO Yakima)
25R W DAWSON PhD Collab in Ent

25F P DEAN MS Collab in Ent (PO Yakima)
2P M EIDE MS Assoc Ent (PO Mount Vernon)
2L W GETZIN PhD Assoc Ent (PO Puyallup)

25J E HALFHILL MA Collab in Ent (PO Yakima)
25J F HOWELL PhD Collab in Ent (PO Yakima)

2C S HOYT PhD Assoc Ent (PO Wenatchee)

25D S JACKSON BS Collab in Ent 12M T JAMES PhD Prof and Ent 12C A JOHANSEN PhD Prof and Ent

2E C KLOSTERMEYER PhD Ent (PO Prosser)
25B J LANDIS MS Collab in Ent (PO Yakima)
5H R MOFFITT PhD Collab in Ent (PO Wenatchee)
5F V NONONI MS Collab in Ent

25J A ONSAGER PhD Collab in Ent (PO Yakima) 3J T PENNELL PhD Ent Spec (PO Puyallup)

25D M POWELL MS Collab in Ent (PO Yakima) 3A H RETAN MS Ent Spec

2J L SAUNDERS PhD Asst Ent (PO Puyallup)

2C H SHANKS PhD Assoc Ent (PO Vancouver)

12C F SOOHOO PhD Asst Prof and Asst Ent

5G N TAMAKI PhD Collab in Ent (PO Yakima)

123H S TELFORD PhD Prof Ent

25R L WALLIS BS Collab in Ent (PO Yakima)
2L D WHITE PhD Collab in Ent (PO Yakima)

2H R WOLFE BS Collab (USPHS Wenatchee)

## WASHINGTON

11280

### Extension Administration Supervision and 4-H Club Work

3J P MILLER MS Dir 3WAYNE BATH PhD Asst Dir 3H A COSGRIFFE PhD State Ldr of Prog 3J E HAVENS ExM 4-H Prog Spec 3E I HOPP MAgr Supvr (PO Puyallup)

3J G JONES MEd State Supvr (PO Puyallup) 3L N LIEBEL MA State Ldr

3G L POOR BS State Supvr

3G T PURCELL BS Fural Civ Def Spec 3T R QUANN ExM 4-H Prog Spec (PO Puyallup) 3Mrs RUTH M ROWLEY MS State Supvr

3RITA SULLIVAN MS 4-H Prog Spec 3Mrs JANE WINDSOR MA Supvr (PO Puyallup) 3HENRY WOLFE MS State Supvr (PO Prosser)

Forestry and Range Management

11290

11310

123G A HARRIS PhD Prof and For and Chmn of Dept 5H W BERNDT MS Collab in For (PO Wenatchee) 12A A BERRYMAN PhD Asst Prof and Asst Ent 12R W BRUCE MA Instr and Junior For Econ 3JOSEPH BUHALY BS For Spec (PO Puyallup) 25H D BURKE BS Collab in For (PO Wenatchee) 12R W DINGLE PhD Assoc Prof and Assoc For 25W B FOWLER BS Collab in For (PO Wenatchee) 12C J GOEBEL PhD Assoc Prof and Assoc For 3B K HALLEY MA Ext Rec Spec
25H G HERRING MS Collab in For (USFS PO Wenatchee)
25G O KLOCK PhD Collab in For (PO Wenatchee) 25WILLIAM LOPUSHINSKY PhD Collab in For (PO Wenatchee)

1C D MATTSON MS Asst Prof 12M M MOSHER MF Prof and For 2J R NELSON MS Junior For

1A F NOSKOWIAK PhD Assoc For and Assoc Prof 12L V PIENAAR PhD Asst Prof and Asst For 123B F ROCHE Jr PhD Assoc Prof and Range Mat Spec

1J D ROGERS PhD Assoc Prof 1D R SATTERLUND PhD Assoc Prof 25Mrs ALMA M WILSON PhD Collab (ARS)
25D D WOOLDRIDGE PhD Collab in For (USFS PO

Wenatchee)

11300 Home Economics Research

12Mrs MARGARET M HARD MS Prof and Home Econ and Chmn of Dept 3MILDRED S BRADSHER MS Nutr Spec

3Mrs DOROTHY W CHASE MA Home Mgt Spec (PO Puyallup)

12MARIONE L JACOBSON PhD Prof and Home Econ 2Mrs HELENH KOEHLER MS Junior Home Econ 3Mrs ESTHER LIGGETT MA Home Mgt Spec 3EUNICE A MEAKIN BS Nutr Spec 3E ARLEAN PATTISON MS Home Mgt Spec 12GENEVIEVE E SCHEIER PhD Assoc Prof and Assoc

Home Econ 3HARRIET TOAN MS Cloth Spec

123W B ACKLEY PhD Prof and Hort and Chmn 1H T ABBOTT MLA Prof

2N R BENSON PhD Hort and Soil Sci and Acta Supt (PO Wenatchee)

23J W BERRY PhD Hort Spec and Asst Hort 12D R BIENZ PhD Assoc Prof and Assoc Hort

25S W BURT BS Collab in Hort (PO Wenatchee) 2W J CLORE PhD Hort (PO Prosser)
3J C DODGE MS Hort Spec (PO Puyallup)

2C C DOUGHTY PhD Assoc Hort (PO Puyallup)
23P E HEILMAN PhD Assoc Hort and Hort Spec (PO

Mt Vernon) 25D R HEINICKE PhD Collab in Hort (PO Wenatchee)

2L W HUDSON MS Asst Hort 2W M IRITANA PhD Assoc Hort

26A H JONES MS Met (Coop US Weather Bur PO Wenatchee)

Horticulture-Continued

12E W KALIN PhD Prof and Hort 2D O KETCHIE PhD Asst Hort

2R R KUNKEL PhD Hort

12F E LARSEN PhD Assoc Prof and Assoc Hort
25M W MARTIN PhD Collab in Hort (PO Prosser) 124C W NAGEL PhD Assoc Prof and Assoc Hort
25K L OLSEN PhD Collab in Hort (PO Wenate )

12M E PATTERSON PhD Assoc Prof and Assoc Hort 12C L PFEIFFER PhD Asst Prof and Asst Hort

12M J POWERS PhD Assoc Prof and Assoc Hort 2E L PROEBSTING PhD Hort (PO Prosser)

2T E RANDALL PhD Assoc Hort

2G F RYAN PhD Assoc Hort (PO Puyallup)

25H A SCHOMER PhD Collab in Hort (PO Wenatchee) 2C D SCHWARTZE PhD Hort (PO Puyallup) 23A Y SHAWA MS Asst Hort (PO Long Beach)

12DOYLE SMITTLE MS Asst Prof and Asst Hort 25E A STAHLEY PhD Collab in Hort (PO Wenatchee)

3R E THORNTON MS Hort Spec
2D R TOMPKINS PhD Asst Hort (PO Puyallup)

25T K TOYAMA PhD Asst Hort (PO Prosser)
3R B TUKEY PhD Hort Spec

3B G WESENBERG PhD Hort Spec (PO Puyallup) 25M W WILLIAMS PhD Collab in Hort (PO Wenatchee)
25E R WOLFORD MS Collab in Hort (PO Puyallup)

12C G WOODBRIDGE PhD Prof and Hort

Plant Pathology

123C G SHAW PhD Prof and Plant Path and Chmn of Dept
25M D AICHELE BS Collab in Plant Path (Coop State
Dept Agr PO Prosser)

26E C BLODGETT PhD Collab in Plant Path (State Dept Agr PO Prosser)

12G W BRUEHL PhD Prof and Plant Path (PO Prosser)
25D W BURKE PhD Collab in Plant Path (PO Prosser)
25P W CHENEY BS Collab in Plant Path (PO Wenatchee)

25R J COOK PhD Collab in Plant Path and Asst Prof 2R P COVEY PhD Asst Plant Path (PO Wenatchee)

3A D DAVISON PhD Plant Path Spec (PO Puyallup) 25S M DIETZ PhD Collab in Plant Path

12RUBEN DURAN PhD Assoc Prof and Assoc Plant Path

2G D EASTON PhD Assoc Plant Path (PO Prosser)
12L R FAULKNER PhD Assoc Plant Path and Assoc

Prof (PO Prosser) 2P R FRIDLUND PhD Plant Path (PO Prosser)

2R L GABRIELSON PhD Assoc Plant Path (PO Puvallun)

2C J GOULD PhD Plant Path (PO Puyallup) 12S O GRAHAM PhD Prof and Plant Path

12L A HADWIGER PhD Asst Prof and Asst Plant Path

2W A HAGLUND PhD Assoc Plant Path (PO Mount Vernon)
12J W HENDRIX PhD Prof and Plant Path
25J A HOFFMAN BS Assoc Prof and Collab in Plant

Path

25W G HOYMAN PhD Collab in Plant Path (PO Prosser)

25D S JACKSON BS Collab in Plant Path 2FOLKE JOHNSON PhD Plant Path (PO Puyallup) 6H C KIRKPATRICK PhD Plant Path (Coop US

Weather Bur PO Wenatchee)

6J M KRAFT PhD Collab in Plant Path (PO Prosser)
12S B LOCKE PhD Prof and Plant Path

18 B LOCKE PhiD Flot and Flant Fath
30 C MALOY Jr PhD Plant Path Spec
2J I McRITCHIE PhD Asst Plant Path (PO Wenatchee)

2G I MINK PhD Assoc Plant Path (PO Prosser)

25C L PARISH PhD Collab in Plant Path (PO Wenatchee)

25C F PIERSON PhD Collab in Plant Path (PO Wenatchee)

2J D ROGERS PhD Assoc Plant Path
25M J SILBERNAGEL PhD Collab in Plant Path (PO Prosser)

2C B SKOTLAND PhD Plant Path (PO Prosser) 25P E THOMAS PhD Collab in Plant Path (PO Prosser)
25J T WALDHER BS Collab in Plant Path Sociology (Rural)

11330 123W L SLOCUM PhD Prof and Rural Social and Chmn of Dept

23K L BARBER PhD Asst Rural Social and Fam Life Spec

124F M BERARDO PhD Asst Prof and Asst Rural Sociol

12R T BOWLES PhD Asst Prof and Asst Rural Social 12B A CHADWICK PhD Asst Prof and Asst Rural Sociol 12L B DeFLEUR PhD Asst Rural Sociol and Asst Prof 124F I NYE PhD Prof and Rural Sociol 3A A SMICK MS Community Organ Spec

Statistical Service

11335

12T S RUSSELL PhD Prof and Statis 12T P BOGYO PhD Assoc Prof Genet and Statis 12D G BURNELL PhD Inst and Junior Math 2G M SOUTHWARD PhD Asst Statis

Veterinary Science

12J A HENDERSON DVM MS Dean of Vet Med and Chmn of Dept

26GERALDINE M APA BS Collab in Vet (State Dep Agr PO Puyallup)

12B R CHO DVM PhD Asst Vet and Asst Prof of Vet Microbiol 12J S DUNLAP DVM MS Prof and Vet

25R K FARRELL DVM BS Collab in Vet

12R W GILLESPIE DVM PhD Prof Vet Microbiol and Assoc Bact

25J R GORHAM DVM PhD Collab in Vet Sci
12J B HENSON DVM PhD Assoc Prof and Assoc Vet
3R I HOSTETLER DVM BS Anim Health Spec

26D F HOUSE DVM Collab in Vet Sci (State Dept Agr PO Puyallup)

2A C JERSTAD DVM Vet (PO Puvallup)

12S G KENZY DVM PhD Prof Vet Path and Chmn of Vet Microbiol

2W J MATHEY DVM PhD Assoc Vet (PO. Puyallup) 12R C PIPER DVM PhD Prof and Vet Path 2J M SHARMA PhD Poultry Path

124TOBJORN MOLL DVM PhD Prof Vet Microbiol and Vet

Substations

11370

Irrig Agr Res and Ext Center (PO Prosser) 2C E NELSON MS Agron and Actg Supt H P SINGLETON Hadgtrs (Prosser) Othello Res Form (Othello) Royal Slope Res Farm (Othello) Tree Fruit Res Center (PO Wenatchee) 2N R BENSON PhD Hort Soil Sci and Acta Supt Columbia View Res Farm (Entiat) Western Wash Res and Ext Center (PO Puyallup) 2D F ALLMENDINGER PhD Hort Supt and Vice Dir Exp Stas Coastal Wash Res and Ext Unit (Long Beach)

Northwestern Wash Res and Ext Unit (Mount Vernon) 23R A NORTON PhD Assoc Hort and Supt

Southwestern Wash Res Unit (Vancouver) 2P C CRANDALL PhD Hort and Supt Dry Land Res Unit (PO Lind)

2W L NELSON MS Assoc Agron and Supt

The College of Forest Resources of the University of Vashington, Seattle 98105

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 6Coop USFS

12C E ODEGAARD PhD Pres of Univ (206-543-5010) 12G W FARWELL PhD Asst Vice Pres of Univ (206-543-0151)

12J S BETHEL DF Dean of Col and Prof For (206-543-2730)

12S P GESSEL PhD Assoc Dean of Col and Prof For Soils (206-543-2730)

12B A JAYNE DF Assoc Dean of Col and Prof Wood Phys (206-543-2759)

12D G CHAPMAN PhD Prof and Dir Cent Quan Sci (206-543-1718)

123 D P THOMAS MF Prof Wood Sci and Tech and Dir Inst For Prod (s) and Spec Asst to Prov (206-543-2730)

123R & TABER PhD Prof and Assoc Dir Inst For Prod (s) (206-543-2730)

123R M KENADY MSF Asst Dir Inst For Prod (s) and Prog Dir Cont Educ (206-543-2730)

Forestry

11375

IG G ALLAN PhD Assoc Prof Fiber Sci
IB S BRYANT DF Assoc Prof Wood Sci and Tech
ID W COLE PhD Assoc Prof For Soils

1BARNEY DOWDLE PhD Assoc Prof For Econ 1C H DRIVER PhD Prof For Path

1H D ERICKSON PhD Prof Wood Sci and Technol 1L J FRITSCHEN PhD Assoc Prof For Met

IRIGARA PhD AssocProf For Ent
IHS GARDNER ScD Prof Pulp and Paper Technol and Prof Chem Engin

236J C HENDEE PhD Lect Outdoor Recreation 1B F HRUTFIORD PhD Actg Asst Prof Wood Chem 1LAWRENCE LENEY PhD Assoc Prof Wood Sci and Technol

23K M MACDONALD BSF Asst to Dir Instr For Prod(s) 236J L MURPHY PhD Proj Ldr Fire Sci and Technol 3J Q MURPHY Ed

12HANS RIEKERK PhD Res Asst Prof for Soils 1J C H ROBERTSON DF Prof For Mgt 1K V SARKANEN PhD Prof Wood Chem

IW H SCHAEFFER PhD Prof For

IG W SHAPRE PhD Prof Outdoor Recreation IGEORGE STENZEL MF Prof Log Engin IR F STETTLER PhD Assoc Prof For Genet and Asst

Prof Genet IK J TURNBULL PhD Assoc Prof For Biomet

1F C UGOLINI PhD Assoc Prof For Soils 236J A WAGAR PhD Proj Ldr Outdoor Recreation 4T R WAGGENER PhD Asst Prof For Econ
1D D WOOLDRIDGE PhD Assoc Prof For Hydrol

## **WEST VIRGINIA**

College of Agriculture and Forestry, the Agricultural Experiment Station, and the Cooperative Extension Service of West Virginia University, Morgantown 26506

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA 6Other Govt Agency 7International Program Staff 8Misc 11380

123) G HARLOW PhD Pres of Univ (304-293-5531) 12R S DUNBAR Jr PhD Dean of Col (304-293-4921)

12A H VanLANDINGHAM PhD Dir of Sta and Assoc Dean of Col (304-293-2991)

3B L COFFINDAFFER PhD Dir of Coop Ext Serv (304-293-3321)

12H C EVANS PhD Assoc Dir of Sta (304-293-5721) 12D E WHITE PhD Dir of Div of For (304-293-2941)

123W H McMILLION MS Comptroller Treas of Agr Expt Sta and Coop Ext Serv

12JOHN LUCHOK BSJ Univ Ed

Agronomy and Genetics

11390

12COLLINS VEATCH PhD Prof Agron Weed Control and Actg Chmn of Dept

12F L ALT BS Instrand Farm Supt 7N M BAUGHMAN PhD Prof Soil Phys

50 L BENNETT MS Collab USDA Soils 120 J BURGER PhD Prof Forage Crops

2Mrs MARIA H CARTLEDGE AB Res Asst Soils

2A E COLBURN MS Res Asst Soil And

3C F ENGLE PhD Asst Prof and State Ext Spec Soil Phys

12P R HENDERLONG PhD Asst Prof Agron Forage Crops

12E M JENCKS PhD Asst Prof Soil Sci Soil Chem

1R C JUBERG PhD Asst Prof Genet

12G A JUNG PhD Prof Agron Forage Crops

12R F KEEFER PhD Asst Prof Soil Fert 5E L MATHIAS BS Collab USDA Soils

7P G MOE PhD Assoc Prof Soil Microbiol 12JOGINGER NATH PhD Assoc Prof Genet

7F J OLSEN Jr PhD Assoc Prof Plant Brdg 12G G POHLMAN PhD Prof Sci Soil Fert

3C D PORTER PhD Asst Prof Agron Weed Control and State Ext Spec

35G E SHARPE MS Assoc Prof and State Ext Spec Soil Conserv

2SOH CHAO SHIH PhD Res Assoc Agron Forage Crops 2R N SINGH PhD Res Assoc Soil Fert 12R M SMITH PhD Visiting Prof Soil Phys

7C B SPEROW Jr MS Assoc Prof Field Crops

7S A THIES MS Asst Prof Crop Mgt

12VALENTIN ULRICH PhD Prof Genet Plants 7W A van ECK PhD Assoc Prof Soil Sci For Soils

Animal Industry and Veterinary Science

11400

12M R McCLUNG PhD Prof Anim Brdg and Chmn of Dept 12R A ACKERMAN MS Asst Prof Dairy Sci Prod 12G C ANDERSON PhD Prof Anim Sci Nutr

2ANN CAMPBELL Lab Tech Immunol 2C E CARLSON BS Res Tech Anim Nutr

12LESLIE DOZSA DVM Assoc Prof Vet Anim Path 3J C EMCH MS Asst Prof and State Ext Spec Anim Husb

12S E FORD Asst Herdsman

3EDSEL GAINER MS Area Dir Ext and Asst Prof 7J M GAY MS Instr Anim Sci

3J T GUILL MS Asst Prof and State Ext Spec Anim

Husb 2E N HALKIAS Res Tech Chem And

2Mrs LOUELLA I HARSH Lab Tech Histol 3T R HASH BS Asst Prof and State Ext Spec Poultry

12R C HATCH BS Dairy Herdsman

12D J HORVATH PhD Assoc Prof Anim Sci Nutr 12H M HYRE MS Assoc Prof Anim Sci Poultry

12E K INSKEEP PhD Asst Prof Anim Sci Physiol

8W G JOHNSON Creamery Tech 12W T JONES BS Poultry Farm Mar

3R O KELLEY PhD Asst Prof and State Ext Spec Dairy

7P L KELLY PhD Prof Dairy Sci 12H E KIDDER PhD Prof Anim Sci Physiol

12E A LINGER BS Livestock Herdsman

4WESLEY LYNCH MS Instr Anim Sci Dairy and State Ext Proj Ldr Resource Devlpmt

12J L McBEE Jr PhD Assoc Prof Anim Sci Meats 12G A McLAREN PhD Prof Anim Nutr

12W G MARTIN PhD Asst Prof Agr Biochem Radiation Intermediary Metabolism

3B W MOORE MS Asst Prof and State Ext Spec Poultry 7C P MOORE MS Instr Anim Sci Dairy

12N O OLSON DVM Prof Vet Anim Path

12HOMER PATRICK PhD Prof Agr Biochem Radiation Intermediary Metabolism

2Mrs MARY L PERVOLA Lab Tech Biochem 12R A PETERSON PhD Asst Prof Poultry Sci

2A J POST Res Tech And Chem

12R L REID PhD Assoc Prof Anim Sci Nutr

3J R SCHABINGER PhD Area Ext Spec and Assoc Prof Dairy (PO Weston)

Animal Industry and Veterinary Science—Continued

12S V SHEETS Lab Tech Anim Care 12E B SMITH Asst Herdsman

12L W SMITH MS Instr Anim Sci Genet
1P M SMITH MS Instr and Supt Dairy Mfg

3 GLEN SNYDER Jr MS Instr Dairy Sci and State Ext Prog Ldr 4-H and Youth Devlpmt

2Mrs MARGUERITE S SOLLY Lab Tech Hematol 2D P SOLOMON DVM Res Assoc Vet Anim Path

12R W TABER MS Instraind Poultry Farm Supt 12W V THAYNE MS Instraind Brdq 12R O THOMAS PhD Asst Prof Dairy Sci Nutr 1J R TODD PhD Visting Prof Anim Nutr

3B W WAMSLEY Jr MS Asst Prof and State Ext Spec Anim Husb

12S J WEESE MA Assoc Prof Dairy Sci Mfg

2RAUL WEISS DVM Res Assoc Anim Path
12J A WELCH PhD Prof Anim Sci Livestock

7F E WOODSON PhD DVM Asst Prof Anim Sci

Economics (Agr)

11430

12K D McINTOSH PhD Assoc Prof and Chmn of Dept 7V F AMANN PhD Chief of Party and Asst Prof Aar Econ

12A L BARR PhD Assoc Prof Agr Econ Prod 12J H CLARKE MS Prof Agr Econ Mktg

3ANTHONY FERRISE MS Instr Agr Econ and Area Ext Spec Resource Devlpmt (PO Keyser)

12R L JACK PhD Asst Prof Consum Econ

5D M LEA MS Agr Econ Devlpmt

7R E NELSON PhD Dir Internatl Prog Campus Coord and Assoc Prof Agr Econ

and Assec Prior Agr Econ Parm Mat
To Lord New York Asst Prof Agr Econ Farm Mat
To Large Photogram Asst Agr Econ Resource Deviumt 12Mrs MARY E TEMPLETON MS Res Asst Agr Econ Statis

12G E TOBEN MS Prof Agr Econ Farm Mgt

Editorial

11435

12JOHN LUCHOK BSJ Univ Ed 12C E BOWER BS Asst Univ Ed 12J D CAWTHON BS Assoc Ed 123D R CREEL Photog

Education (Agr)

11440

1R C BUTLER PhD Prof Agr Educ and Chmn of Dept 7P V ARMBRESTER MS Chief of Party and Asst Prof

Agr Educ (Tanzania)

7L L BLOWE BS Instr in Vocat Acr 7R H BURNS BS Instr in Vocat Acr

7R F DICK BS Instr in Vocat Agr 7J J HARVEY PhD Assoc Prof Agr Educ and Dir Agr Educ (Kenya)

7F P HOLMES MS Instr in Vocat Aar

30 C HUTCHISON MS Area Dir Ext Instr Aar Educ (PO Beckley)

(FO DECRUEY)
TO KAJER MS Instr in Vocat Aar
1W G KELLY MS Assoc Prof Aar Educ
7W I LINDLEY MS Instr in Vocat Aar
7R H MAXWELL BS Chief of Party and Asst Prof Aar Educ (Keyna)

10 C McGHEE PhD Asst Prof Agr Educ

3J L MORRIS MS Ared Dir Ext Asst Prof Aar Educ
3J G MULLENAX MS State Ext Spec Learning Resources
1D W PARSONS PhD Prof Emeritus Aar Educ

7J M REID MS Instr in Vocat Agr

Engineering (Agr)

11450

12A D LONGHOUSE PhD Prof Agr Engin Farm Structures and Chmn of Dept

3W E BELL BSAgE Asst Prof and State Ext Spec Agr

7E B COLLINS MSAgE Chief of Party and Asst Prof Aar Engin

### Engineering (Agr)-Continued

7C A CROMER MSAgE Asst Prof Agr Engin
12W H DICKERSON Jr MSAgE Prof Agr Engin Soil and Water

12R G DIENER PhD Asst Prof Agr Engin Physical Properties

7W B EASLEY MS Instr Agr Mech

12K C EILLIOTT MSAgE Asst Prof Engin Power and Mach

12R E EMERSON MS Assoc Prof Agr Engin Form Shop 7G E FERGUSON MS Instr Agr Mech

12M A HELLICKSON MSAgE Instrand Res Asst Soil and Water

12R G HORNBECK Engin Tech
7D E KLUVER BS Instr Aur Mech
12T R LONG MSME Res Asst Mech Engin
5H W PARKER MSE Proj Engin For Serv

12R SPELL Engin Tech

12R C REEDER BS Instr Agr Engin

2A W SELDERS MSAgE Asst Prof and State Ext Spec Agr Engin Elec Power and Proc

7J L WAGNER MSAgE Asst Prof Agr Engin 6R O WEEDFALL MSE Instr State Climatol

## Entomology - See Dept(s) Horticulture and Plant Pathology and Bacteriology

Extension Administration and Programs (W Va Center for Appalachian Studies and Development)

3B L COFFINDAFFER PhD Dir of Coop Ext Serv

3R L STUMP MS Dir Prog Implementation and Rpts

3J C SUMMERS MS Dir Mgt and Prog Serv

3L G WATSON AB Dir Inform and Educ Technol 3C R KEMPER MS Asst Dir Prog Aud

3F L BLAKE MS State Ext Ed Radio and TV

3Mrs JOYCE BOWER BS State Ext Ed News
3Mrs JOANNE BOWIE MS State Ext Ed 4H and Home Econ

3G H BREIDING BS State Ext Prog Ldr Outdoor Recreation

3R B CONNER MS Asst Dir Conf and Insts
3H V CUTLIP MS State Ext Prog Ldr 4-H and Camp Dir State 4-H Camp (PO Weston)

3J L FASCHING MS State Ext Ed News

3MILDRED FIZER MS State Chmn 4-H Youth Coop Ext Admin

3R C FRANKLIN PhD Ext Serv Training Coord 3EDSEL GAINER MS Area Dir (PO Weston)

3Mrs ELEANOR GLENN MS Prog Ldr for Women

3D R GODFREY AB State Ext Ed Radio and TV

3Mrs BETTY GUM MA State Ext Ed Proj Devlpmt 3O CHUTCHISON MS Area Dir (PO Beckley)

3B M JOHN MS Area Dir (PO Institute)

3REITA MARKS MS State Ext Prog Ldr 4-H and Youth Devlpmt

3B L MAURER PhD State Prog Ldr Clergy Ldr Devlpmt 3E W MILLER MS State Ext Prog Ldr Rural Civ Def 3J L MORRIS MS Area Dir (PO Morgantown)

3F G MULLENAX MS State Ext Spec Learning Resources 3G S MYERS MS State Chmn Community Resource

Devlomt 3Mrs SYLVIA SHAPIRO MS Prog Ldr for Women

3GLEN SNYDER Jr MS State Ext Prog Ldr 4-H and Youth Devlpmt 3R H STAUFFER PhD Area Dir (PO Parkersburg)

3F I TAYLOR MS Area Dir (PO Keyser) 3MERRIAM WINTHROP Jr MS State Ext Prog Ldr 4-H and Youth Devlomt

# Family Resources (Col of Human Resources and Educ) 11465

1W H MARSHALL EdD Prof Child Devlpmt and Dir of Div

Mrs GLADYS R AYERSMAN MS Asst Prof Child Devlpmt

# Family Resources (Col of Human Resources and Educ)-Continued

1Mrs BETTY I BERTHY MS Asst Prof Foods 1Mrs JUDITH A BRANUM MS Instr Housing and Design

3M HILDA DAILEY MS Asst Prof and State Ext Spec Home Mgt

1BABETTE GRAF MS Asst Prof Nutr 1F H HOOPER PhD Asst Prof Child Devlomt

16RUTH P HUGHES PhD Assoc Prof Home Econ Educ 1BARBARA E JAMES PhD Assoc Prof Child Devlpmt 1Mrs MARY R JONES MS Assoc Prof Fam Resources 3Mrs RUTH K JONES MS Asst Prof and State Ext Spec

Cloth and Text

IJANICE MAYFIELD MS Instr Text IBETTY L RAMSEY MS Asst Prof Housing and Design

3Mrs SYLVIA C SHAPIRO MEd Instr Form Resources and Ext Prog Ldr for Women

3J A SHULTZ PhD Assoc Prof Fam Relat and State Ext Spec Child Devlpmt and Human Relat

IC B TAYLOR PhD Assoc Prof Fam Relat 1JACQUELINE K VAN RIPER MS Inst in Cloth

1RUTH E WEIBEL MS Asst Prof Cloth
13Mrs CLARA M WENDT MS Asst Prof Fam Econ and

State Ext Spec Consum and Food Econ 1A R WILLIAMS EdD Asst Prof Form Relat

IMARGARET A WILSON PhD Prof Nutr

11470 12D E WHITE PhD Assoc Prof For Econ and Dir of Div

2W C BOLYARD Engin Tech

Forestry

Horticulture

3G H BRIEDING MS Asst Prof and State Ext Proq L dr in Outdoor Recreation

13S M BROCK PhD Assoc Prof For Econ

1M G BROOKS MS Prof Wildlife Mat 12J H BROWN MF Assoc Prof For Silvic

12K L CARVELL DF Prof For Silvic

12F C CECH PhD Assoc Prof For Genet

5J D GILL MS Asst Prof Wildlife Mgt 1A W GOODSPEED MF Prof for Mgt

8W H GOUDY MS Asst Prof Wildlife Mgt 3W N GRAFTON MS Instrand State Ext Spec For Mat

(PO Beckley)

3C S HALL MS Asst Prof and State Ext Spec Wood Util

12J R HAMIL TON PhD Prof Wood Sci 5W M HEALY BS Instr Wildlife Mat

12N D JACKSON MF Asst Prof For Util

3W E KIDD Jr MS Asst Prof and State Ext Spec For Mat 12C B KOCH PhD Prof For Wood Sci 12D L KULOW PhD Asst Prof For Mensuration

2STANLEY KUZNIAR Jr Res Tech Wood Sci

12W R MAXEY BSF Instrand For Mar 12P R MOUNT PhD Asst Prof For Econ 8J W RAWSON BS Instr Wildlife Mat

5H R SANDERSON MS Asst Prof Wildlife Mgt

12R L SMITH PhD Assoc Prof Wildlife Mgt 5J W THOMAS BS Asst Prof Wildlife Mgt

5G R TRIMBLE Jr MS Asst Prof For Silvic 12E H TRYON PhD Prof For Silvic

1W L WYLIE BS Instr For Recreation

3J N YEAGER BS Instr For Mat and Area Ext Spec (PO Weston)

#### 12E G SCOTT PhD Prof Hort Plant Physiol and Chmn of Dept

11490

12B C BEARCE PhD Asst Prof Orman Plant Physiol

12J L BROOKS PhD Asst Prof Agr Biochem
12W H CHILDS PhD Prof Hort Small Fruits and Berries 3C W COLLIER Jr MLA Asst Prof and State Ext Spec

Landsc Arch 12C K DORSEY PhD Prof Ent Chem Control

1D W GIROUARD MS Asst Prof Landsc Arch Regional

Planning 3N C HARDIN Jr MS Assoc Prof and State Ext Spec

Hort 12J F HYDE MS Instr Hort and Supt Hort Farm and Greenhouses

1G W LONGNECKER MS Asst Prof Landsc Arch Plant Mater 12MORRIS INGLE PhD Assoc Prof Fruits Plant Physiol 120 M NEAL Jr PhD Prof Hort Flor Ornam

11570

### Horticulture-Continued

120 E SCHUBERT PhD Prof Hort Weed Control Plant Physiol

12D A STEL ZIG PhD Asst Prof Agr Biochem

1G E STEYERS MS Assoc Prof and Univ Landsc Arch Hort Flor Ornam

12A E WATADA PhD Assoc Prof Veq Plant Physiol 7R T WURSTER PhD Asst Prof Hort

#### Plant Pathology and Bacteriology

12H L BARNETT PhD Prof Mycol and Chmn of Dept 12R E ADAMS PhD Assoc Prof Plant Path Nematodal

12E S ELLIOTT PhD Prof Plant Path Forage Dis

12M E GALLEGLY PhD Prof Plant Path Veq Dis 12J A KOBURGER PhD Assoc Prof Bact Food

12V G LILLY PhD Prof Physiol Fungus

3D O QUINN MS Asst Prof and State Ext Prog Ldr Safe Use of Pesticides

12R P TRUE PhD Prof Plant Path For Dis

12H A WILSON PhD Prof Bact Soil Microbiol

3J B WILSON PhD AssocProf and State Ext Spec Plant Path and Ent

## Sociology (Rural) (Col of Arts and Sci)

11520

11510

12L M SIZER PhD Assoc Prof Rural Sociol 3W F SCHWEIKER MS State Ext Spec Rural Social

11530

12STANLEY WEARDEN PhD Statis 12D F BUTCHER PhD Asst Prof and Statis
12E C TOWNSEND PhD AssocProf and Statis

### Veterinary Medicine - See Animal Industry and Veterinary Science

#### Substations

11550

Ohio Valley Substa (PO Pt Pleasant)

2C E HICKMAN MS Asst Hort in Charge Veg Reedsville Expt Farm (PO Reedsville)

2L. P. STEVENS M.S. Asst Hort in Cha Veg.

2W P PINNELL Jr MS Res Asst

Reymann Memorial Farms (PO Wardensville)

2C J CUNNINGHAM BS Anim Husb in Cha Large Anim

2J O HEISHMAN DVM Assoc Anim Path Vet Expt

University Expt Farm (PO Kearneysville)

2EDWIN GOULD BS Ent in Cha Ins Pests

3J G BARRAT PhD Asst Prof and State Ext Spec

Plant Path

5E O HAMSTEAD MS Ent Ins Pests

2R S YOUNG PhD Res Fruit Spec

## WISCONSIN

The College of Agricultural and Life Sciences and the Agricultural Experiment Station of the University of Wisconsin, Madison 53706

1College Staff 2Station Staff 3Extension Staff 4Leave of Absence 5Coop USDA

## 11560

1F II HARRINGTON PhD Pres of Univ (608-262-2321) 12G S POUND PhD Deam of Col of Agr and Life Sci

Dir of Sta (608 - 262 - 1251) 12R W HOUGAS PhD Assoc Dean of Col of Agr and Life Sci Assoc Dir of Sta and Prof (608-262-3994)

12R ₩ BRAY PhD Assoc Dean of Col of Agrand Life Sc. Assoc Dir of Sta and Prof (608-262-1254)

123R L HUGHES BS Assoc Dean - Admin and Prof (608 -262-1255)

1G W SLEDGE EdD Assoc Deam of Col of Adr and Life Sci and Prof (608-262-1322)

123S C SMITH PhD Assoc Dean of Sch of Natural Resources and Prof (608-262-6968)

13LOUISE A YOUNG MA Acta Assoc Dean of Sch of Farm Res and Consum Sci and Prof (608-262-2608) 13M E WHITE PhD Dir of Farm Short Course (608-

262-2270) 1E E HEIZER PhD Assoc Dir Internatl Agr Prog (608 - 262 - 3673)

#### Agronomy

123D C SMITH PhD Prof Agron and Head of Dept 12R H ANDREW PhD Prof Sweet Corn Brdg

12 Z M ARAWINKO MS Asst Prof Fdn Seed Prod

12E T BINGHAM PhD Asst Prof Alfalfa Brda

13E A BRICKBAUER MS Assoc Prof Ext Crops Spec 12K P BUCHHOLTZ PhD Prof Weed Control

13R E DOERSCH PhD Assoc Prof Ext Weed Control

12P N DROLSOM PhD Prof Grass Brdq

12R A FORSBERG PhD Asst Prof Cereal Brdg

12E T GRITTON PhD Asst Prof Pea Brdq

12REUBEN JAMES BS Asst Prof Fdn Seed Prod

13C R KRUEGER PhD Asst Prof Ext Forage Crops Spec 12C A KUST PhD Asst Prof Weed Control

12M F LINDSEY PhD Asst Prof Com Brdq 125E L NIELSEN PhD Prof Grass Brdq

134D A ROHWEDER PhD Assoc Prof Ext Forage Spec

12J M SCHOLL PhD Prof Pasture Res 12H L SHANDS PhD Prof Cereal Brdg

12DALE SMITH PhD Prof Forage Physiol

125R R SMITH PhD Asst Prof Clover Brdg

2A M STROMMEN MS Prof (PO Spooner) Corn Brdg

12J M SUND MS Assoc Prof Pasture Res

12J H TORRIE PhD Prof Statis

12W L VANDERVEST MS Asst Prof Fdn Seed Prod

13L J WRAGE MS Instr Ext Crops Spec

## 11580

Bacteriology 12J B WILSON PhD Prof and Chmn of Dept

120 N ALLEN PhD Prof Bact

12D T BERMAN DVM PhD Prof Bact

12W J BRILL PhD Asst Prof Bact

12D O CLIVER PhD Assoc Prof Bact

12R H DEIBEL PhD Assoc Prof Bact

12C L DUNCÂN PhD Asst Prof Bact

12J C ENSIGN PhD Assoc Prof Bact
12E M FOSTER PhD Prof Bact

12J M GOEPFERT PhD AsstProf Bact

12H O HALVORSON PhD Prof Bact

12R P HANSON PhD Prof Bact
12R S HANSON PhD Assoc Prof Bact

12R D HINSDILL PhD Asst Prof Bact 12E H MARTH PhD Assoc Prof Bact

12ELIZABETH F McCOY PhD Prof Bact

12J L PATE PhD Asst Prof Bact

12DAVID PRATT PhD Assoc Prof Bact

12K B RAPER PhD Prof Bact

12W B SARLES PhD Prof Bact

12A L SHUG PhD Lect Bact

12H SUGIYAMA PhD Prof Bact

12P W WILSON PhD Prof Bact

Biochemistry

#### 11590 12R H BURRIS PhD DSc Prof and Chmn of Dept Plant

Biochem 12JULIUS ADLER PhD Prof Molecular Genet

12LAURENS ANDERSON PhD Prof Carbohydrates

124C A BAUMANN PhD Prof Anim Nutr

12HELMUT BEINERT PhD Prof Enzymol 12R M BOCK PhD Prof Phys Biochem

12W W CLELAND PhD Prof Enzyme Kinetics

12J E DAVIES PhD Assoc Prof Molecular Genet
12H F DELUCA PhD Prof Metabolism

12G H ECHOLS Jr PhD Prof Molecular Genet

12J C GARVER PhD Prof Biochem Engin 12A E HARPER PhD Prof Nutr

12W G HOEKSTRA PhD Prof Nutr

12R B INMAN PhD Assoc Prof Molecular Biophys 12M J JOHNSON PhD Prof Microbial Biochem

12P J KAESBERG PhD Prof Molecular Biophys

1H G KHORANA PhD Prof Nucleic Acids

12H A LARDY PhD Prof Intermediary Metabolism

12K P LINK PhD Prof Anticoagulants 12R H ROWND PhD Asst Prof Genet of Microorganisms

12R R RUECKERT PhD Asst Prof Virol

12H K SCHNOES PhD Asst Prof Natural Prod

12M A STAHMANN PhD Prof Plant Biochem

12F M STRONG PhD DSc Prof Natural Prod 12J W SUTTIE PhD Ass∞ Prof Fluorine Toxicosis

12R D WELLS PhD Asst Prof Nucleic Acids

## 11610-11660

Dairy Science 11610 Education (Agr and Ext)-Continued 123R P NIEDERMEIER PhD Prof and Chmn of Dept Dairy 4P G BOYLE PhD Prof 1G L CARTER PhD Prof Sci Anim Nutr 12MOHAMMAD DOUGLAH PhD Asst Prof 2A L BRIESKE MS Spec Dairy Sci Anim Brdg 3A N BRINGE PhD Asst Prof Dairy Sci 13J A DUNCAN PhD Assoc Prof 3J W CROWLEY PhD Prof Dairy Sci 3D P DICKSON PhD Asst Prof Dairy Sci -3R E GARD MS Prof 3R E KOHLHOFF PhD Asst Prof 1E E HEIZER PhD Prof 1B W KREITLOW PhD Prof 3W T HOWARD PhD Asst Prof Dairy Sci 12E L JENSEN PhD Asst Prof Dairy Sci Anim Brdg 1J S LONG PhD Asst Prof 1G W SLEDGE EdD Prof 12N A JORGENSEN PhD Asst Prof Dairy Sci Anim Nutr 13SARA M STEELE PhD Assoc Prof 2R D LANCE MS Spec Dairy Sci Anim Nutr 1J F THOMPSON PhD Asst Prof 12H J LARSEN PhD Assoc Prof Dairy Sci Anim Nutr 3M F WARLUM PhD Asst Prof 3C C OLSON MS Asst Prof Dairy Sci 12R E ROFFLER PhD Asst Prof Dairy Sci Anim Nutr 11640 Engineering (Agr) 2V E SACHSE BS Spec Dairy Sci Anim Brdg 123F H BUELOW PhD Prof and Chmn of Dept 12L D SATTER PhD Assoc Prof Dairy Sci Anim Nutr 3G P BARQUEST PhP Assoc Prof 4-H Mech 12L H SCHULTZ PhD Prof Dairy Sci Physiol 12G P BARRINGTON MS Assoc Prof Power and Mach 3A G SENDELBACH PhD Assoc Prof Dairy Sci 4C L BARTH MS Instr Structures 12G E SHOOK PhD Asst Prof Dairy Sci Anim Brdg 30 I BERGE MS Prof Power and Mach 3E E STARKEY PhD Prof Dairy Sci 3T J BREVIK MS Assoc Prof Structures
3L A BROOKS MS Assoc Prof Elect Power and Proc 12W J TYLER PhD Prof Dairy Sci Anim Brdg 12D A WIECKERT PhD Assoc Prof Dairy Sci Anim Brdg 12H D BRUHN MS Prof Power and Mach 13H G WILSON BS Spec Dairy Sci 3E G BRUNS MS Assoc Prof Structures 123C E ZEHNER BS Asst Prof Dairy Sci Brdg and Nutr 12C O CRAMER PhD Assoc Prof Structures 5B F DETROY MS Collab

12M F FINNER ME Assoc Prof Power and Mach 11620 Economics (Agr) 123J R SCHMIDT PhD Prof and Chmn of Dept 13A R ALLEN LLB Assoc Prof 4J L HALDERSON MS Instr Power and Mach 3D V JENSEN MS Spec Farm Bafety
3L R MASSIE MS Instr Soil and Water Conserv 12D L BAWDEN PhD Assoc Prof 12R W BENTLEY PhD Assoc Prof 12D J STITH MArch Assoc Prof Structures 12R C BUSE PhD Prof Agr Econ 12S A WITZEL MS Prof Structures 5R A CHRISTIANSEN PhD Collab Agr Econ 12R R WOLFE PhD Asst Prof Elec Power and Proc 2R J CLARK PhD Asst Prof Agr Econ 1R L CLODIUS PhD Prof Agr Econ and Vice Pres Entomology 11650 123H L COOK PhD Prof Agr Econ 12G R DEFOLIART PhD Prof Ent and Chmn of Dept 23R H DAY PhD Prof 123J W APPLE PhD Prof Econ Ent 1234P P DORNER PhD Prof Agr Econ 12S D BECK PhD Prof Physiol 5) H DROGE PhD Collab Agr Econ 124D M BENJAMIN PhD Prof Forest Ins 2B L ERVEN PhD Asst Prof Agr Econ 12G M BOUSH PhD Prof Econ Ent and Microbiol 23T F GRAF PhD Prof Agr Econ 125W E BURKHOLDER PhD Asst Prof Stored Prod Ins 123F W GROVES PhD Assoc Prof Agr Econ 12R K CHAPMAN PhD Prof Ins Trans Plant Dis 5J A GUNNELSON PhD Collab Agr Econ 12H C COPPEL PhD Prof Bio Control 23D A HARKIN PhD Asst Prof Agr Econ 1CAROL D CROSSWHITE MS Instr 12Mrs KATHLEEN T HAYGOOD MA Instr Agr Econ 12R J DICKE PhD Prof Ent 12P G HELMBERGER PhD Prof Agr Econ 13E H FISHER PhD Prof Ext 13W L GOJMERAC PhD Assoc Prof Ext 123A C JOHNSON Jr PhD Assoc Prof Agr Econ 12DON KANEL PhD Prof Agr Econ 12W L HILSENHOFF PhD Assoc Prof Aquatic Ent 5N D KIMBALL PhD Collab Agr Econ 13C F KOVAL PhD Asst Prof Ext 1A L LARSON PhD Prof Agr Econ and Dir Coop 134J L LIBBY PhD Assoc Prof Ext 12E P LICHTENSTEIN PhD Prof Toxicol
12FUMIO MATSUMURA PhD Assoc Prof Toxicol Training Center

12C W LOOMER PhD Prof Agr Econ 123W B LORD PhD Prof

12M P MIRACLE PhD Assoc Prof Agr Econ 12K H PARSONS PhD Prof Agr Econ

23R J PENN PhD Prof Agr Econ

123G A PETERSON PhD Prof Agr Econ

3G C PULVER PhD Prof and Dean Univ Ext

23R H REED PhD Prof Agr Econ 123R E RIECK PhD Prof Agr Econ

3R W ROBINSON PhD Prof

12MORTON ROTHSTEIN PhD Assoc Prof Agr Econ 23W E SAUPE PhD Assoc Prof Agr Econ

12M A SCHAARS PhD Prof Agr Econ

2L J SCHMID PhD Asst Prof Land Tenure Center

23J A SCHOENEMANN PhD Prof Agr Econ

123S C SMITH PhD Prof and Assoc Dean Sch of Natural

Resources

12S D STANIFORTH PhD Prof Agr Econ

12J D STRASMA PhD Assoc Prof

2BENJAMIN VILLANUEVA PhD Asst Prof Land Tenure Center

11630

3R H VILSTRUP PhD Prof Agr Econ

23R N WEIGLE PhD Assoc Prof Agr Econ

23D A YANGGEN LLB MS Assoc Prof Agr Econ

# Education (Agrand Ext)

123W T BJORAKER PhD Prof and Chmn of Dept 13J W APPS PhD Assoc Prof 1AARON BOHROD Artist in Residence

Family Resource and Consumer Science, School of 11660

12J T MEDLER PhD Prof Ecol

125F E MOELLER PhD Asst Prof Apic 12D M NORRIS PhD Prof Microbiol

12R D SHENEFELT PhD Prof Taxon

1LOUISE A YOUNG MA Prof and Acta Assoc Dean 1HELEN M CRAMER MA Asst Prof and Asst to Assoc Dean 1 Mrs CHARLOTTE M FINLEY MS Asst Prof and Asst to Assoc Dean

HOME ECONOMICS EDUCATION AND EXTENSION 12ELIZABETH A MONTS PhD Asst Prof Educ and Chan of Dept 123NELLIE H McCANNON MS Prof Journalism 13BERNADINE H PETERSON PhD Asst Prof Ext 13MARLYS R RICHERT PhD Prof Ext

123SARA M STEELE PhD Assoc Prof Ext

HOME MANAGEMENT AND FAMILY LIVING 12HELEN C DAWE PhD Prof Child Devlpmt and Chmn of Dept

1Mrs KATHRYN R BEACH MS Prof Fam Relat 3Mrs MARGARET R NELSON PhD Asst Prof Educ 3Mrs ROSEMARY T STARE MS Asst Prof 12 IOSEPHINE H STAAB PhD Prof Form Econ 14Mrs AURELIA W STRUPP MS Asst Prof Child Devlomt 1R WHITEHILL PhD Asst Prof Child Devlpmt 3Mrs VIOLA H WILKINSON MS Prof Fam Relat 1JUDITH C WILLISTON MS Instr Child Devlpmt

11660-11750

## Family Resource and Consumer Science, School of-Continued 34LOUISE A YOUNG MA Prof Fam Econ

RELATED ART

1AGATHA ANORTON MS Prof and Chrnn of Dept 1HELEN L ALLEN MA Prof 1Mrs RUTH F DAVIS MS Prof 3JANE K FEBOCK MS Instr 3JANE GRAFF MA Assoc Prof 1Mrs JEANNE HOLLOIN MS Asst Prof 1Mrs RUTH K HARRIS MS Prog Asst 1EILEEN A MURPHY MFA Instr 12Mrs MATHILDA E SCHWALBACH MS Prof 1JEAN B STANGE MA Assoc Prof

TEXTILES AND CLOTHING 1EMMA M JORDRE MS Prof and Chmn of Dept 12MARGARET M COOPER PhD Prof 3RUTH M DIEZ MS Asst Prof 3LENORE L LANDRY MS Assoc Prof 1Mrs HAZEL B PASCHALL MA Prof 14FERN H RENNEBOHM MS Assoc Prof

1MARY E BOACH PhD Prof

11662

Food Research Institute
12E M FOSTER PhD Dir Inst and Prof Food Microbiol 12M S BERGDOLL PhD Prof Biochem 12F S CHU PhD Asst Prof Biochem 12D O CLIVER PhD Assoc Prof Virel 12G M'DACK MD PhD Prof Food-Borne Dis (PT) 12R H DEIBEL PhD Assoc Prof Food Microbiol
12C L DUNCAN PhD Asst Prof Food Microbiol 12J M GCEPFERT PhD Asst Prof Bact 12E H MARTH PhD Assoc Prof Food Microbiol
12Mrs DOROTHY H STRONG PhD Prof Food Microbiol 12H SUGIYAMA PhD Prof Food Microbiol and Toxicol

Food Science and Industries

11664

12H E CALBERT PhD Prof and Chmn of Dept 12C H AMUNDSON PhD Assoc Prof Food Sci and Indus 1M S BERGDOLL PhD Prof Food Sci and Indus 13R L BRADLEY Jr PhD Asst Prof Food Sci and Indus 13M P DEAN MS Prof Food Sci and Indus 12BEATRICE DONALDSON PhD Prof Food Sci and Indus 3CHARLOTTE M DUNN MS Asst Prof Food Sci and Indus

120 R FENNEMA PhD Assoc Prof Food Sci and Indus 1Mrs NATHOLYN D HARRIS PhD Lecturer Food Sci and Indus

12D F. L.UND PhD Asst Prof Food Sci and Indus 1Mrs MARY J MAHAFFEY MS Lect Food Sci and Indus 12E H MARTH PhD Assoc Prof Food Sci and Indus 3Mrs MARY E MENNES MS Assoc Prof Food Sci and Indus

12N F OLSON PhD Prof Food Sci and Indus 12W DPOWRIE PhD Assoc Prof Food Sci and Indus 12DAN PRATT PhD Assoc Prof Food Sci and Indus 12T RICHARDSON PhD Assoc Prof Food Sci and Indus 12Mrs DOROTHY H STRONG PhD Prof Food Sci and Indus

12A M SWANSON PhD Prof Food Sci and Indus 23J von ELBE PhD Assoc Prof Food Sci and Indus 1 M R WAHL BS Asst Prof Food Sci and Indus 13E WALLENFELDT MS Prof Food Sci and Indus 12K G WECKEL PhD Prof Food Sci and Indus 12W C WINDER PhD Prof Food Sci and Indus

11680

1J F CROWPhD Prof Genet and Chmn of Depts Genet and Med Genet Pop Genet Statis IJULIUS ADLER PhD Assoc Prof Genet Microbiol Genet

12L E CASIDA PhD Prof Genet

12A B CHAPMAN PhD Prof Genet Genet Anim Brdq 1G R CRAVEN PhD Asst Prof Molecular Genet 1A S FOX PhD Prof Genet Zool

12R W HOUGAS PhD Prof Genet and Assoc Dean and Dir Agr Exp Sta Genet Plant Brdg

1J L KERMICLE PhD Asst Prof Plant Genet 1K D MUNKRES PhD Asst Prof Molecular Genet Genetics-Continued

IMASAYASU NOMURA PhD Prof Microbiol Genet 12S J PELOQUIN PhD Prof Genet Genet Plant Brda 1R M SHACKELFORD PhD Prof Genet Genet Immunol Physiol of Reprod

10LIVER SMITHIES PhD Prof Genet (Also Med Genet) Pop Genet

12W H STONE PhD Prof Genet Immunogenet Immunoreprod

1MILLARD SUSMAN PhD Assoc Prof Genet Genet of Microorganisms

25W J TYLER PhD Prof Genet Anim Brdg

Horticulture

11730

123W H GABELMAN PhD Prof and Chmn of Dept 12G E BECK PhD Assoc Prof Hort Flor 23L M BERNINGER PhD Assoc Prof Hort Flor 124F A BLISS PhD Asst Prof Hort Veq Crops Brdq 124O B COMBS MS Prof Veq Crops 3DAVID CURWEN PhD Asst Prof Veg Crops (PO Hancock)

12M N DANA PhD Prof Hort Pomol

23F A GILBERT PhD Prof Hort Pomol (PO Sturgeon Bay) 12T C HALL PhD Asst Prof Hort Plant Physiol

23E T HALTVICK PhD Assoc Prof Hort Veg Crops

123E R HASSELKUS PhD Assoc Prof Hort Woody Ornam 12L G HOLM PhD Prof Hort Physiol

12R W HOUGAS PhD Prof Hort and Assoc Dean of Col of Agr and Assoc Dir of Sta

3G C KLINGBEIL MS Prof Hort Pomol

3R C NEWMAN MS Inst Hort
25W B OGDEN MS Assoc Prof Hort and Collab 12S J PELOQUIN PhD Prof Hort Vea Crops Brda 25C E PETERSON PhD Prof Hort and Collab

21. A PETERSON PhD Assoc Prof Hort 25P R ROWE PhD Asst Prof Veg Crops Brdg

and Collab 23J A SCHOENEMANN PhD Prof Hort Vea Crops 2B E STRUCKMEYER PhD Prof Hort Morphol 2T W TIBBITTS PhD Assoc Prof Hort Veg Crops 2GAVIN G WEIS MS Asst Prof Hort (PO Hamcock)

Journalism (Agr)

11740

123R D POWERS PhD Prof and Chmn of Dept 13F A ALBERT BA Assoc Prof Motion Pictures 13L R BOSTIAN PhD Prof Pubs 1M R BROWN PhD Asst Prof 13CL ARON BURNETT PhD Prof Vis Aids and Ext Proj Ldr 14H H FELSTEHAUSEN PhD Asst Prof Res 134J H FETT PhD Asst Prof 13W JEAN FEWSTER MS Instr Radio

134ARDYCE E HARING PhD Asst Prof Pubs 3H D KING MS Asst Prof Pubs 123E H KLEE MS Asst Prof Illus

13L L MAURER MS Instr Press

123NELLIE R McCANNON MS Prof Home Econ 123J E ROSS PhD Prof Press

123D D SORENSON MS Asst Prof Res Rots 13P V WILLOUGHBY BA Asst Prof Exhibits 13W E WITT MS Instr Motion Pictures

11750 Meat and Animal Science 123R H GRUMMER PhD Prof Anim Nutr Swine and Chmn

of Dept 12N J BENEVENGA PhD Asst Prof Nutr Biochem 12R W BRAY PhD Prof Meat Sci and Assoc Dean Col of Agr

12E J BRISKEY PhD Prof Meat Sci

12V H BRUNGARDT PhD Assoc Prof Meat Sci Anim Nutr Beef Cattle

12R G CASSENS PhD Assoc Prof Meat Sci

3L L FELTS PhD Assoc Prof Anim Brdq

12N L FIRST PhD Prof Physiol of Reprod and Brda Swine 3F J GIESLER MS Prof Swine Spec 12B H GUNDERSON Proa Asst Swine

12B P HAASL MS Asst Prof Meat Sci

12E R HAUSER PhD Assoc Prof Physiol of Reprod and Brdg Beef Cattle

12E H HOCH BS Prog Asst Beef Cattle

11750 - 11800 WISCONSIN

Meat and Animal Science-Continued

12A E HARPER PhD Prof Nutr and Chmn of Dept 12L L KASTENSCHMIDT PhD Asst Prof Meat Sci 12R G KAUFFMAN PhD Assoc Prof Meat Sci 12C-E-ELSON PhD Asst Prof Nutr 3Q E KOLB MS Assoc Prof Meat Sci 12ANNETTE GORMICAN PhD Asst Prof 12HELLEN M LINKSWILER PLD Prof Nutr 12THOMAS McKENZIE Prog Asst Sheep 12A L POPE PhD Prof Anim Nutr and Sheep Sci 12Mrs DOROTHY J PRINGLE PhD Prof Nutr 2R M SHACKELFORD PhD Prof Fur Bearing Anim Genet and Physiol of Reprod Plant Pathology 11770 12ARTHUR KELMAN PhD Prof Plant Path and Chmn 13R J VATTHAUER PhD Asst Prof Meat Sci Livestock Spec of Dept Bact and Dis Physiol 123R H VILSTRUP PhD Prof Mktg Chmn Mktg and Util 12P J ALLEN PhD Prof Fungal Physiol 124D C ARNY PhD Prof Dis Control Chem Host Resistance 12M P BACKUS PhD Prof Fungal Mycol 12J G BERBEE PhD Assoc Prof For Dis Natural Resources, School of ADMINISTRATION 12D M BOONE PhD Assoc Prof Fungal Genet 123S C SMITH PhD Prof and Assoc Dean of Natural 123H M DARLING PhD Prof Dis Control Nematodal 12G A de ZOETEN PhD Asst Prof Virol Resources 125R D DURBIN PhD Prof Dis Physiol 12R W FULTON PhD Prof Virol CENTER FOR RESOURCE POLICY STUDIES AND PRO-12D J HAGEDORN PhD Prof Dis Resistance Fungal GRAMS 123W B LORD PhD Prof and Dir of Center Viml 124E W HANSON PhD Prof Dis Resistance Fungal 12L G ARVANITIS PhD Asst Prof 12W R BENTLEY PhD Assoc Prof 125J P HELGESON PhD Asst Prof Plant and Dis Physiol 12G L BULTENA PhD Asst Prof 12E H HERRLING BS Prog Asst Photog 2D R CURREY MS Asst Prof 12A C HILDEBRANDT PhD Prof Bact Ornor Dis 13J P GILLIGAN PhD Prof 125J D KEMP PhD Asst Prof Biochem Dis Physiol 12J E KUNTZ PhD Prof For Dis 2DONN HAGLUND PhD Assoc Prof 23D A HARKIN PhD Asst Prof 12D P MAXWELL PhD Asst Prof For Grass Dis and 2R W HEINS PhD Assoc Prof Fungus Physiol 12C W LOOMER PhD Prof 12J E MITCHELL PhD Prof Dis Control Chem 2J B MacDONALD LLB Prof 1245J D MOORE PhD Prof Dis Control Chem Virol 23R J PENN PhD Prof 12R F PATTON PhD Prof For Dis 23D A YANGGEN LLB Assoc Prof 12G S POUND PhD Prof Host Resistance Virol 12LUIS SEQUEIRA PhD Prof Bact Dis Physiol ENVIRONMENTAL AWARENESS CENTER 12E B SMALLEY PhD Assoc Prof Fungal 12P H LEWIS Jr MLA Prof and Dir of Center 125C D UPPER PhD Asst Prof Biochem Dis Physiol 12E R HASSELKUS PhD Asst Prof 13E K WADE MS Prof Ext R F JULIN MLS Assoc Prof B H MURRY MLA Asst Prof 12P H WILLIAMS PhD Assoc Prof Dis Physiol Host Resistance 12B J NIEMANN Jr MSLA Asst Prof 13G L WORF PhD Assoc Prof Ext 1 W H TISHLER MSLA Asst Prof DENNIS WILKINSON MLA Assoc Prof **Poultry Science** 11780 3GEORGE ZIEGLER BS Asst Prof 123H R BIRD PhD Prof and Chmn of Dept 3L C ARRINGTON PhD Asst Prof Ext Spec 12F L CHERMS Jr PhD Prof Physiol 12L G ARVANITIS PhD Asst Prof For Biom 12W R BENTLEY PhD Assoc Prof For Econ 12R W HALLER MS Asst Prof 12W H MCGIBBON PhD Prof 13G R CUNNINGHAM PhD Assoc Prof For Mgt and Econ 12J H SKALA PhD Asst Prof 13J P GILLIGAN PhD Prof For Rec 3J L SKINNER MS Prof 12T T KOZLOWSKI PhD Prof For Silvic 12M L SUNDE PhD Prof 12H J KUBLER PhD Assoc Prof Wood Technol 12D T LESTER PhD Assoc Prof For Tree Impr Sociology (Rural) 11790 13T A PETERSON PhD Asst Prof For Mgt and Silvics 12G V FUGUITT PhD Prof and Chmn of Dept Social 12G R STAIRS PhD Prof For Tree Impr and Chmn of Dept Statis LANDSCAPE ARCHITECTURE 12G L BULTENA PhD Prof Group Interaction and Social Attitudes 12P H LEWIS Jr MLA Prof and Chmn of Dept 12R C CLARK Jr PhD Prof Rural Sociol 12E R HASSELKUS PhD Asst Prof 1W L FLINN PhD Asst Prof R F JULIN MLS Assoc Prof 1JF KIENITZMS Prof 12A O HALLER PhD Prof Social Social Attitudes J L MOORE MS Teaching Asst 1A'E HAVENS PhD Assoc Prof DARELL MORRISON MSLA Instr 1234D E JOHNSON PhD. Assoc Prof Rural Social Group Interaction Leadership Social Attitudés B H MURRAY MLA Asst Prof 12B J NIEMANN Jr MSLA Asst Prof 13J S JOHNSON PhD Asst Prof 12D G MARSHALL PhD Prof Social Demography M A SHARKAWY MA Instr 1W H TISHLER MSLA Asst Prof 1GWEN M SCHULTZ MA Asst Prof Design Cartography DENNIS WILKINSON MLA Assoc Prof 12W K WARNER PhD Prof Rural Social Group Interaction 3G A ZIEGLER BS Asst Prof Leadership

Nutritional Sciences

11745

## WILDLIFE ECOLOGY

12R A McCABE PhD Prof Wildlife Ecol and Chmn of Dept 23R S ELLARSON PhD Prof Wildlife Ecol and Ext

Wildlife Spec

12J J HICKEY PhD Prof Wildlife Ecol 12L B KEITH PhD Assoc Prof Wildlife Ecol

230 J RONGSTAD PhD Asst Prof Wildlife Ecol and Ext Wildlife Spec

12C A SCHOENFELD MS Prof Wildlife Ecol
2D O TRAINER Jr PhD Assoc Prof Wildlife Ecol
12T M YUILL PhD Asst Prof Wildlife Ecol

12GORDON CHESTERS PhD Prof Soil Oracmic Chem 124R B COREY PhD Prof Soil Inoracmic Chem 12W R GARDNER PhD Prof Soil and Water Phys 6J MHARKIN PhD Asst Prof Liamin Chem

34M T BEATTY PhD Prof Soil Surv Interpretation

12J R BOYLE PhD Asst Prof For Soils

123L E ENGELBERT PhD Prof and Chmn of Dept Soil

5C R AMERMAN PhD Collab Soil Phys and Hydrol 12O J ATTOE PhD Prof Plant Nutr and Fert Tech

12E A WILKENING PhD Prof Rural Social

Soil Science

Mat

### Soil Science-Continued

2R F HARRIS PhD Assoc Prof Soil Biochem

13F D HOLE PhD Prof Genesis and Soil Surv

13W J HORVATH MS Asst Prof Soil and Water Conserv

12M L JACKSON PhD Prof Soil Min and Phys Chem

12D R KEENEY PhD Asst Prof Plant Nutr and Soil Biochem

12G B LEE PhD Assoc Prof Genesis and Classif 12J R LOVE PhD Assoc Prof Turf Fert and Mat 3L R MASSIE MS Instr Soil and Water Conserv

3C J MILFRED Ph.I Asst Prof Genesis and Soil Surv 2E E MILLER Ph.I) Prof Applied Phys Porous Media Flow

12R J MUCKENHIRN PhD Prof Land Use Mat

12J T MURDOCK PhD Prof Plant Nutr and Fert 3C C OLSEN MS Asst Prof Soil Testing

123A E PETERSON PhD Prof Soil and Water Mat 2L A PETERSON PhD Assoc Prof Hort Crops

23R D POWELL PLD AsstProf Soil Fert

25P A HAATS PhD Asst Prof Phys Flow Mech

123E E SCHULTE PhD Asst Prof Soil Inorganic Chem 2V E SUOMI PhD Prof Met

12C B TANNER PhD Prof Soil Phys and Micrometeor

23L M WALSH PhD Prof Fert and Mat

### Veterinary Sciences

11810

12B C EASTERDAY DVM PhD Prof and Chmn of Dept Virol Enteric Viruses Respiratory Viruses

12D T BEHMAN DVM PhD Prof Vet Sci Immunol Antigensantibody Reaction Hypersensivity Infection and Resistance

3C W BURCH DVM Prof Vet Sci

120 J GINTHER DVM PhD Asst Prof Dept Vet Sci Compar Mammal Physiol

3B E HALL DVM MS Assoc Prof Vet Sci

12R P HANSON PhD Prof Vet Sci Virol Arbor Viruses Respiratory Viruses Epidemiol

12TADEUSZ KOWALCZYK DVM MS Prof Vet Sci Path Clin

12R E NICEOLS DVM PhD Prof Vet Sci Physiometabolism Physiol Gastro Enterology Pharmacol Toxicol

12CARL OLSON DVM PhD Prof Vet Sci Path Expt Compar Cytopath and Histopath

3D S POSTLE DVM MS Asst Prof Deot Vet Sci 1W E RIBELIN DVM PhD Prof Vet Sci Path Toxicol

Nutritional and Metabolic Diseases

12A C TODD PhD Prof Vet Sci Parasitol

2D O TRAINER PhD Assoc Prof Vet Sci Fish and Wildlife Pop Dynamics Epidemiol

1J A WILL DVM PhD Asst Prof Vet Sci and Asst Sci Cardiovascular Res Lab Dept of Med Med School

2LOUISE WIPF PhD Asst Prof Vet Sci Microtechnics

1T M YUILL PhD Asst Prof Vet Sci and Wildlife Ecol Arbovirol Pathogen Ecol Epidemiol

11830

3E M PITTENGER BA BLS Libr and Assoc Prof

#### Experimental Farms

11840

Arlington, Ashland, Hancock, Lancaster, Lake Mills, Marshfield, Madison, Spooner, Sturgeon Bay Stas

2D R PETERSON PhD Prof and Dir Expt Farms (PO Madison)

23G L WRIGHT BS Prof in Chg Outlying Stas (PO Madison)

12V W MATTHIAS MS Assoc Prof in Cha Madison and Arlington Stas (PO Madison)

2J C CLIVER BS Spec Expt Farms (PO Marshfield)

2J W DEPPE BS Asst Prof Expt Farms (PO Lake Mills) 23F A GILBERT PhD Prof Expt Farms (PO Sturgeon Bay)

23R F JOHANNES MS Prof Expt Farms (PO Marshfield) 2R L LACROIX BS Spec Expt Farms (PO Ashland)
2W J PAULSON MS Asst Prof Expt Farms

(PO Lancaster)

2D E PESCHEL Spec Expt Farms (PO Lancaster)

2C O RYDBERG BA Asst Prof Expt Forms (PO Spooner) 23 A M STROMMEN MS Prof Expt Farms (PO Spooner)

23G H TENPAS MS Assoc Prof Expt Farms (PO Ashland)

# Experimental Farms-Continued

23G G WFIS MS Asst Prof Expt Farms (PO Hancock)

### WYOMING

College of Agriculture, the Agricultural Experiment Station and the Cooperative Extension Service of the Uniersity of Wyoming, University Station PO Box 3354, Laramie 82070

1College Staff 2Station Staff 3Extension Staff 5Coop USDA 4Leave of Absence

123W D CARLSON PhD Pres of Univ (307-766-4121)

123N W IIII.STON PhD Dean of Col of Agr Dir of Expt Sta and Dir of Ext Serv (307-766-4133)

121, C AYRES MS Asst Prof Asst Dean of Col of Agr and Asst Dir of Expt Sta (307-766-4133)

1231. F SCHILT MS Assoc Dir of Ext (307-766-3253)

123E G HAYS BS Exec Asst for Bus and Plant Affairs and Dep Treas (307-766-4182)

11860 Economics (Agr)

12ANDREW VANVIG PhD Prof and Head of Div 3D E AGEE MS Instr Ext Econ Farm Mat

1234R T CLAHK MS Instr

124R L ENRICH PhD Assoc Prof

34V W HOUSE MS Instr Ext Agr Resource Spec

12W G KEARL PhD Assoc Prof

12W P ROBERTS Jr MS Instr

3W B SCARBOROUGH MS Instr Ext Mktg Spec

12W D SCHUTZ PhD Assoc Prof

12J S ST CLAIR PhD Prof

12D M STEVENS PhD Prof

# Information (Agr), Office Of

11865

3V E SHELTON MS Head of Off 3W R EASTMAN JrMS Ext Vis Aids Spec 3Mrs MARY S HARRIS MS Pubs Ed

# **Animal Science**

11870

12P O STRATTON PhD Prof and Head of Div

12M P BOTKIN PhD Prof Anim Brdq

12D D DEANE PhD Assoc Prof Dairy Mfa

3K B ELLIS MA Asst Prof Ext Poultryman

3E K FAULKNER MS Asst Prof and Ext Livestock Spec Sheep and Swine

124R A FIELD PhD Assoc Prof Meats 12D C HUTTO PhD Asst Prof Poultry

12C J KERCHER PhD Prof Nutr 12Mrs JOF.Y L KINNISON MS Instr Wool

12J E KUNSMAN Jr PhD Asst Prof Dairy Mfa

12S A LARSEN MS Instr Wool

12G E NELMS PhD Prof Anim Brdg Beef Cattle

12JE PEXTON BS Instr Wool

12H D RADLOFF PhD Asst Prof Dairy Husb

12R W RICE Phi) Assoc Prof Anim Husb 12M L RILEY PhD Asst Prof Meats

3C O SCHOONOVER PhD Prof Meats Ext Livestock Spec Beef

13I W SLATER BS Asst Prof Dairy Husb and Ext

Dairyman 12G E SMITH PhD Asst Prof Anim Husb

12T R VARNELL PhD Assoc Prof Anim Physiol

# Biochemistry

11880

12R J McCOLLOCH PhD Prof and Head of Div 12J BLANKENSHIP MS Instr 12YET-OY CHANG PhD Prof Nutr

12Mrs MARGARET H CORBRIDGE BS Instr 12W W ELLIS PhD Prof

12H F EPPSON MS Prof Met

12J W HAMILTON PhD Prof

12I I KAISER PhD Asst Prof 12V A McMAHON PhD Assoc Prof

12G J MILLER PhD Prof

11890-11955 WYOMING Extension Administration Plant Science-Continued 11890 3AD ASHMENT MS Asst Prof Co Agt Ldr 12C W McANELLY PhD Prof 3E JOYCE CROFT MS Instr Assoc State 4-H Club Ldr 12G H STARR PhD Prof 123R F FRARY MS Asst Prof Ext Prog Coord 3VELMA M McGAUGH MEd Asst Prof State Ext Ldr RANGE MANAGEMENT 12A A BEETLE PhD Prof in Chg Home Econ 5G R BROWN Range Tech 3J M NICHOLLS MS Instr State 4-H Club Ldr 3D K ROLSTON BS Instr Asst State 4-H Club Ldr 12H G FISSER PhD Assoc Prof 5R L JAIRELL For Res Tech Watershed Mat (FS) 5K L JOHNSON PhD Hydrol Home Economics 11900 12Mrs MARGARET S BOYD MS Assoc Prof and Head of 12M L MAY PhD Prof 5D R SMITH PhD Range Sci Proj Ldr (FS) Div 5D L STURGES MS Res For (FS) 1Mrs MARJORIE ANDERSON MS Instr 5R D TABLER PhD Res For FS Proj Ldr 1ANNA MAE BRENNER MS Asst Prof Foods and Nutr 3RUTH K ELLISTON MS Instr Ext Home Furn 5A L WARD BS | Fes Wildlife Biol FS Proj Ldr 1JUDITH KNIGHT MS Instr SOILS IMARCELLA L MARTIN MS Instr Cloth and Text 3HELEN G MILLER MS Asst Prof Ext Home Mgt Spec 12L I PAINTER PhD Prof in Chq 1Mrs MARILYN M SKELTON MS Asst Prof Foods and Nutr 123H W HOUGH PhD Assoc Prof 5FRANK RAUZI MS Soil Sci (ARS) 3MARTHA J ULRICH MS Asst Prof Ext Cloth Spec 1LOUISE WESSWICK MS Asst Prof Home Mgt and Child 12P C SINGLETON PhD Assoc Prof Devlomt Veterinary Science 11920 12J O TUCKER DVM Prof and Head of Div Plant Science 12PHYLLIS D BEAR PhD Assoc Prof Micro 11910 12R L LANG PhD Prof and Head of Div 124E L BELDEN MS Instr Micro 123R C BERGSTROM PhD Asst Prof 12NEWTON KINGSION PhD Assoc Prof Parasitol AGRICULTURAL ENGINEERING SECTION 124C F BECKER PhD Prof 12Mrs ERLINDA L LAWSON PhD Instr Micro 4D J BPOSZ MS Asst Prof Ext Irrig Engin 12L R MAKI PhD Prof Micro 12R D BURMAN MS Asst Prof Irrig 12E ADOWDING MS Instr Agr Engin 5Mrs FLLA W NELSON MEd Biol Tech (ARS) 12b L SWIFT DVM Assoc Prof 12K J FORNSTROM PhD Asst Prof Agr Engin 5G M THOMAS MS Microbiol (ARS) 12M S TRUEBLOOD PhD Prof Virol 3M A McNAMEE MS Instr Ext Agr Engin 12C F WIESEN PhD Prof Micro 12L O POCHOP PhD Asst Prof Miscellaneous 11930 230 K BARNES MS Assoc Prof Ext Spec Proj Ldr CROPS 3A F GALE MS Instr Ext Pest Spec 123H P ALLEY PhD Assoc Prof Weeds 12G P ROEHRKASSE PhD Statis and Prof of Agr Econ 12K E BOHNENBLUST Prof Plant Brdg 12J C HOFF MS Instr Plant Brdg Substations 12D P KNIEVEL PhD Instr Crop Physiol 11940 Laramie Substa (PO Laramie) 124B J KOLP PhD Prof Plant Brdg 2L H PAULES MS Asst Prof and Supvr 12G A LEE MS Instr Weeds Afton Substa (PO Afton) 12J L NELSON PhD Asst Prof Forage Crops 12R G SACKETT MS Instr Seed Certif 23W J SEAMANDS MS Asst Prof Ext Agron 2G H HOOPES BS Supt Archer Substa (PO Rte 2 Box 1374 Cheyenne) 2ALAN HEROLD MS Supt 5F L TIMMONS PhD Res Agron Weeds and Group Ldr Gillette Substa (PO Box 893 Gillette) (ARS) 2L R LANDERS MS Supt Powell Substa (PO Box 767 Fowell) ENTOMOLOGY 2W L SMITH MS Supt 12R E PFADT PhD Prof in Cha 2J R PARTRIDGE MS Soils Tech 12C C BURKHARDT PhD Assoc Prof Sheridan Substa (PO Box 879 Sheridan) 5 J D HITCHCOCK MS Apic (ARS) 2L R RICHARDSON MS Supt 12R J LAVIGNE PhD Assoc Prof Torrington Substa (PO Torrington) 12F A LAWSON PhD Prof 20 K BAYSINGER MS Supt 12J E LLOYD PhD Asst Prof 3E WSPACKMAN MS Instr Riverton Soils Lab 11950 2L J LIGOCKI BS Soils Tech

Torrington Soils Lab

2D E McKAY BA Soils Tech

11955

PLANT PATHOLOGY AND HORTICULTURE SECTION

12G H BRIDGMON PhD Prof in Cha

124E A ANDREWS PhD Assoc Prof

23E B ADAMS MA Instr Ext Hort and For

# INDEX OF NAMES

To locate an individual: 1. In index, find name, code numerals, and State where employed. 2. Find State listing of names (see headings at top of each page). 3. Use code numerals beside name in index to locate individual's department in State list (use code numerals at top of each page as guide). 4. Individual is listed in department with same code numerals as those beside name in index.

AAKRERB 5680 Minn AANDERUD W G 9570 S Dak AANES W A 1540 Colo AARON T D 2390 Ga AASE J K 6390 Mon! AASHEIM T S 6190 Mont AASHEIM T S 6260 Mont AASHEIM TS 6260 Mont
ABAD-RAMOS JOSE 9035 P R
ABBOTT D C 8280 Okla
ABBOTT H G 5090 Mass
ABBOTT H T 11310 Wash
ABBOTT J L 370 Ariz
ABBOTT MARY 8550 Oreg ABBOTT URSULA H Mrs 1110 Calif ABDALLA D A 4770 Me ABDELBAKI Y Z 1540 Colo ABEL G H 320 Ariz ABEL J H 1540 Colo ABEL J H 1540 Colo ABEL J H Jr 1540 Colo ABERNATHIE J W 11030 Va ABERNATHY G H 7150 N Mex ABERNATHY G H 7150 N Mex ABERNATHY MIRIAM M 9970 Tenn ABERNATHY R P 10962 Va ABERNATHY R P 10962 Va ABLASHI D V 9140 R I ABLES E D 10145 Tex ABMEYER ERWIN 4000 Kan ABNEY K L 3450 Ind ABPLANALP H J 1110 Calif ABRAHAM R H 5465 Minn ABRAMS DE LEON R 9110 PR ABRAMS MILTON 10620 Utah ABRUNA FERNANDO 9080 PR ABSHER C W 9740 Tenn ABSHIER G S 8360 Okla ACCORD CLAIR 10390 Urah ACE D L 8770 Pa ACEVEDO-DEFILLO RICARDO 8940 ACEVEDO-MONTALVOR 8990 PR ACKER D C 9500 S Dak ACKER GERALDINE E 3350 III ACKERMAN C J 10850 Va ACKERMAN C W 9290 S C ACKERMAN R A 11400 W Va ACKERSON C W 6440 Nebr ACKLEY W B 11310 Wash ACKLEY W D 370 Ariz ACOSTA-deMALDANADO Mrs CARMEN 8980 P R ACOSTA-MATIENZO ANGEL 9110 PR ACOSTA-RONDA SEBASTION 8985 PΒ ACREE FRED Jr 2090 Fla ACREE S C 2560 Ga ACREE T E 7310 N Y ADAIR JOHN 8470 Oreg ADAIR K T 6396 Mont ADAIR M H 5760 Miss ADAM W S 5430 Mich ADAMS A E 10325 Tex ADAMS A E 10100 Tex ADAMS A J 4580 La ADAMS A W 3910 Kans ADAMS AMELIA E 9490 S C ADAMS AURELIA K Mrs 8885 Pa ADAMS CH 6420 Nebr ADAMS D G 9640 S Dak

ADAMS D G 9640 S Dak ADAMS D W 7960 Ohio ADAMS DONALD 560 Ark
ADAMS E B 11910 Wyo
ADAMS E P 9510 S Dak
ADAMS E V 6890 N J
ADAMS EVA W Mrs 250 Ala
ADAMS F W 8490 Oreg
ADAMS FRED 30 Ala
ADAMS H P 6610 Nev
ADAMS J E 10295 Tex
ADAMS J E 10295 Tex
ADAMS J L 6530 Nebr
ADAMS J L 6830 Nebr
ADAMS J L 6830 Pa
ADAMS J W 10000 Tex
ADAMS M V 6870 N J
ADAMS M V 6870 N J ADAMS DONALD 560 Ark ADAMS M V 6970 N J ADAMS M W 5230 Mich ADAMS MARY L 1580 Conn ADAMS OR 1540 Colo ADAMS OZIE 9950 Tenn ADAMSRL 3430 Ind ADAMSRS 8770 Pa ADAMS R S Jr 5640 Minn ADAMS THOMAS 5430 Mich ADAMS V E 2400 Ga ADAMS VETA B Mrs 6050 Mo ADAMS W E 2350 Ga ADAMS W M Jr 8870 Pa ADAMS W V Jr 4550 La ADAMS W W 3550 Ind ADCOCK J L 1540 Colo ADCOCK S Y 7570 N C ADDIS PB 5565 Minn ADDISON D.A. 5420 Mich ADDISON EDWIN 7000 N J ADIST M E 2560 Ga ADIX MARILYN 8620 Oreg ADKINS TR 9460 S C ADKISSON P L 10090 Tex ADLER HE 1177 Calif ADLER J 11680 Wis ADLER J JULIUS 11590 Wis ADLER J JULIUS 11990 WIS
ADLERZ W C 2250 Fla
ADLDINGER H K 7280 N Y
ADRIAN P A 980 Calif
ADRIANO D C 3850 Kans
ADSUAR-MIRO JOSE 9040 P R ADZIMA ROBERT 1660 Conn AEPLI D C 530 Ariz AFIFI H A 2940 Hawaii AFT HARVEY 8600 Oreg AGAN R J 3940 Kons AGATHANGELIDES DEMETRIOS 10540 Utah AGEE D E 11860 Wyo AGEE H R 9480 S C AGENA UBBO 2950 Hawaii AGEN ELAINE 7260 N Y AGNEW T R 137 Ala AGRIOS G N 5130 Mass AGUAYO-CASTRO CARLOS 8980 P R AGUILERA-FLORES CRUZ 9085 PR AGUILLARD WILBUR 4380 La AGUILLARD WILBUR 4380 La AGUILLU JA ARROYO 8970 PR AHERNS RA 4910 MD AHERNS R A 4910 M D
AHLGREN C E 5570 Minn
AHLRICHS J L 3420 Ind
AHLRICHS L E 5680 Minn AHLSCHWEDE G A 3860 Kans

AHMANN J S 1370 Colo AHMED E M 2120 F1a AHO P F. 8725 C AHMANN J S 1370 Colo
AHMED E M 2120 Fla
AHO P E 8725 Oreq
AHO W A 1670 Conn
AHRENDES E R 6260 Mont
AHRENS D L 3710 Iowa
AHRENS R A 4910 Md
AHRING R M 8260 Okla
AICHELE M D 11320 Wash
AIKEN C R 5770 Miss
AIKEN G R 5770 Miss
AIKEN J B 4690 Me
AIKMAN J M 3670 Iowa
AIKMAN J M 3670 Iowa
AIKMAN MARIELLA 5340 Mich
AINSLIE H R 7250 N Y
AINSWORTH CAMERON 1510 Colo
AITKEN J B 2240 Fla
AITKIN M A 10990 Va
AKAMINE E K 3040 Haw
AKERA TAI 5430 Mich
AKERS EDNA E 8010 Ohio
AKESON W R 6410 Nebr
AKESON W R 6410 Nebr
AKESON W R 6410 Nebr
AKESON N B 980 Calif
AKINS L 3570 Ind
AKLUFI SANDY 1320 Calif
AKRE R D 11270 Wash
ALBACH R F 10295 Tex
ALBAN E K 8020 Ohio
ALBANE K 8020 Ohio
ALBANE S 800 Ohio
ALBANE R 800 Ohio
ALBERT F A 11740 Wis
ALBERT F A 11740 Wis
ALBERT T F 4960 Md
ALBERT T F 4960 Md
ALBERT T F 3748 NY
ALBRECHT C F 5270 Mich
ALBRECHT G J 7348 NY
ALBRECHT G J 7354 N Y
ALBRECHT G J 7356 Pla
ALBRIGO L G 2240 Fla
ALBRIGO N B 810 Calif
ALCORN S M 490 Ariz
ALDEN H R 3232 Idaho ALCORN G B 873 Calif ALCORN S M 490 Ariz ALDEN H R 3232 Idaho ALDEN ROSEMARY Mrs 3260 III ALDERFER M W 3600 Ind ALDERFER R B 7050 N J ALDERMAN D C 1000 Calif ALDRED W H 10020 Tex ALDRICH D G Jr 1120 Calif ALDRICH D V 10060 Tex ALDRICH H C 2050 Fla ALDRICH PEARL J Mrs 5340 Mich ALDRICH R A 8800 Pa ALDRICH R J 5930 Mo ALDRICH S R 3250 III ALDRIDGE MARTHA J Mrs 5840 Miss ALEDO H Miss 9020 P R ALERS S ALERS 8940 P R ALERS-MONTALVO MANUEL 1460 Colo ALERS SERVERIANO ALERS 8960 PR ALEMANY SALVADOR E 8930 PR ALEXANDERA F 1540 Colo ALEXANDERA G 8960 PR

ALEXANDER AND RESON P. R.

ALEXANDER ALEXANDER (J. 1909) D. R.

ALEXANDER ALEXANDER (J. 1909) D. R.

A

ANDERSON PALE W. 8904 I.P.

ANDERSON OF C. 2700 CB

APACREMENT H. 1130 West
ANDERSON R. A. 1440 KV

AN

ATKINS - BALLANTYNE

ATKINS - WAYNE - 0.00 Mo

ATTO - WAYNE - 0.00 Mo

AUGUST BIJ - WAYNE ATKINS-BALLANTYNE

BALLANTYNE DJ 9000 P R
BALLANTYNE SYD S C
BARNES D S 500 Mss
BALLENTER MICO 9000 P R
BALLANTYNE DJ 9000 C B
BARNES D S 500 Mss
BALLENTER MICO 9000 P R
BALLANTYNE D MSS0 Mss
BARNES D S 500 Mss

### BAULING-BENGT

BAULING D B 3740 III

BAULING D B 3740 III

BEATTE J M 8000 Chio

BENGTSON G D 6760 Pa
BENITEZ JAINE 8930 PR
BENITEZ JAINE 8930 PR
BENITEZ V RODRIGUEZ 9000 PR
BENIAMIN DI 11650 WIS
BENKERN J E 3410 Ind
BENKER J F 4440 Ky
BENNERT J E 4450 KM
BENNERT J E 4450 KW
BENNERT J E 4500 KW
BENNERT J J 5350 IND
BENNERT J J 5350 NY
BENNERT J L 5360 Ind
BEN

### SISSEY BICKTRIA A 5070 Mb

### BICKEY BICKTRIA A 7350 NY

BOLLERT JA SAY Mech
BOLLERT ON 1025 Fex
BOLLAND R 3950 Kman
BOLLERT S 3950 Kman
BOLLERT S 3950 Kman
BOLLERT S 3950 Kman
BOLLORD R 3950 Kman
BOLTON W II 1970 Kman
BOLTON W II 19

BRADFORD-BROOKS

### BRADEPORD JM 8300 force
### BRADEPORD JM 8300 force
### BRADEPORD JR 220 Albas.
##

DBOOKS DI GAOO OFF
BROOKS D L 8400 Okla BROOKS D W 10070 Tex BROOKS H L 3960 Kans BROOKS J B 4190 Ky BROOKS J F 7500 N C BROOKS J L 11490 W Va
BROOKS D W 10070 Tex
BROOKS H L 3960 Kans
BROOKS J B 4190 Ky
BROOKS JF 7500 NC
BROOKS J L 11490 W Va
BROOKS JS 8260 Okla
BROOKS JOSEPHINE E 6540 Nebr
BROOKS L A 11640 Wis BROOKS M G 11470 W Va
BROOKS M.G. 11470 W.Va
BROOKS MARION A  BROOKS MARJORIE 6270 Mont  BROOKS MARJORY 4910 Md  BROOKS OL 2580 Ga  BROOKS R A 5430 Mich  BROOKS R C 7410 N C
BROOKS MARIORIE 6270 Mont
BROOKS MARIORY 4910 Md
BROOKS MARIORY 4910 MA
PROOKS MANSON 4000 Md
DROOKS O'L 2300 Gu
DROOKS N A 3430 MICH
DROOMS R C /410 N C
BROOKS R E 1430 Colo
BROOKS R E 1430 Colo BROOKS R E 3290 III BROOKS R F 2240 Fla BROOKS R H 8520 Oreq BROOKS S N 8560 Oreg BROOKS T M 3750 Jowa
BROOKS R F 2240 Fla
BROOKS R H 8520 Oreq
BROOKSSN 8560 Oreg
BROOKS T M 3750 Iowa
BROOKS IHOMAS 1650 Conn
BROOKS W M 7440 N C
BROOKS W M 7440 N C BROOME L L 370 Ariz BROQUIST H P 3270 Ill
BROQUIST H P 3270 Ill
BROSZ D D 9600 S Dak
BROSZ D D 9600 S Dak BROSZ D J 11910 Wyo
BROTHEMARKLE JOANN 8876 Pa
BROWNER I E 4050 Km
BROWDER MARY D Mrs. 4240 Ky
BROWER I R It 0700 Tonn
PROWNER IT 10000 Tox
DROWER ST 10500 Tex
DROWER BE 10570 Utan
BHOWN A A 5050 Mgss
BROWN A D 3490 Ind
BROWN A J 90 Ala
BROWDER MARY D Mrs 4240 Ky BROWER J B Jr 9790 Tenn BROWDER J T 10300 Tex BROWER S L 10570 Utch BROWN A A 5050 Mass BROWN A D 3490 Ind BROWN A J 90 Ala BROWN A L 1120 Calif
BROWN A R 2350 Ga
BROWN A R 2350 Ga
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN AR 2350 Ga BROWN ALENE 8380 Okla
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN BA 5570 Minn BROWN B A 5570 Minn BROWN C A 3430 La BROWN C J 570 Ark BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C M 5470 Me BROWN C BROWN C B 2700 Fla
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 4210 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 2570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 4210 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 2570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 4210 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 2570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 4210 Ky BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J 2570 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENEE 8380 Okla BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 4380 La BROWN C J 570 Ark BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C M 3430 Fla BROWN C M 3430 Ind BROWN D S M 3430 Ind BROWN C
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 4210 Ky BROWN C J D 6320 Mont BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN D M 3250 III BR
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 2570 Ga BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C S 4770 Me BROWN C HRISTINE R 2300 Fla BROWN COLEEN T Mrs 1460 Colo BROWN COLEEN T Mrs 1460 Colo BROWN D G 9900 Tenn BROWN D G 9900 Tenn BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 2990 Hawaii BROWN D BOROTHY Mrs 8620 Oreg BROWN D JOROTHY Mrs 8620 Oreg BROWN D JANE 2990 Iowaii
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C B 4770 Me BROWN C M 3450 III BROWN D M 3500 III BROWN D M 9724 Tenn BROWN D W 9724 Tenn
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN BA 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN D M 3430 Ind BROWN D M 3430 Ind BROWN D M 360 Ark BROWN D M 360 Ark BROWN D M 360 Ind BROWN D M 360 Ind BROWN D M 360 Ind BROWN D M 9724 Tenn BROWN D W 9724 Tenn BROWN D M 660 Ark
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C J C 570 Ark BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C L 2480 Ind BROWN C M 3250 III BROWN C M 3250 III BROWN C S 4770 Me BROWN D A 560 Ark BROWN D A 560 Ark BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1290 Hawaii BROWN D S 1290 Hawaii BROWN D S 1290 Hawaii BROWN D C THY Mrs 8620 Oreg BROWN D W 9724 Tenn BROWN D W 9724 Tenn BROWN D 6 660 Ark BROWN D 6 660 Ark BROWN D 6 660 Ark BROWN E 2390 Ga
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C M 3450 III BROWN C M 3460 Colo BROWN C M 3460 Ark BROWN COLEEN T Mrs 1460 Colo BROWN D G 9900 Tenn BROWN D G 9900 Tenn BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1700 Iowa BROWN D S 1700 Iowa BROWN D W 9724 Tenn BROWN D G 2990 Ga BROWN E 2990 Ga
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J J 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN D M 360 Ind BROWN D M 360 Ind BROWN D M 560 Ark BROWN D M 9724 Tenn BROWN E M 3700 Iowa
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J J 570 Ark BROWN C J J 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN D S 4770 Me BROWN COLEEN T Mrs 1460 Colo BROWN D S 500 Ark BROWN D S 9000 Tenn BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1000 Calif BROWN D S 1000 Calif BROWN D S 1000 Iowa BROWN D W 9724 Tenn BROWN D W 9724 Tenn BROWN E 2390 Ga BROWN E 2390 Ga BROWN E 2390 Tex BROWN E 2990 N Y BROWN E 3700 N Y BROWN E 3700 N Y
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C S 4770 Me BROWN C H 5350 Ark BROWN CHRISTINE R 2300 Fla BROWN COLEEN T Mrs 1460 Colo BROWN COLEEN T Mrs 1460 Colo BROWN D G 9900 Tenn BROWN D G 9900 Tenn BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1000 Tong BROWN E S 2990 Tong
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN C M 3450 III BROWN C M 3460 Ind BROWN D M 3600 Ind BROWN D M 3700 Ind BROWN E M 37
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN D M 560 Ark BROWN D M 560 Ark BROWN D M 5900 Tenn BROWN D M 51100 Calif BROWN D M 51200 Iowa BROWN E E 2390 Ga BROWN E E 2390 Ga BROWN E B 51200 N Y BROWN E J 8780 Pa BROWN E STHER L 3350 III BROWN F W 7630 NC
BROWN A R 2350 Ga BROWN ALLMEDA P Mrs 10510 Utah BROWN AL S 5570 Minn BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ga BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN D M 3430 Ind BROWN D M 3430 Ind BROWN D C S 4770 Me BROWN C DEEDN T Mrs 1460 Colo BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1100 Calif BROWN D S 1000 Calif BROWN D S 1000 Calif BROWN D M 59724 Tenn BROWN D W 9724 Tenn BROWN D M 9724 Tenn BROWN D M 9724 Tenn BROWN D 60 Ark BROWN D 60 Ark BROWN E D 660 Ark BROWN E D 660 Ark BROWN E D 660 Ark BROWN E D 3990 Tex BROWN E D 660 Pa BROWN E J 8780 Pa BROWN E J 8820 Pa BROWN E T 750 NC BROWN G E 2240 Fla
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J D 6320 Mont BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C M 3460 Colo BROWN C M 3460 Ark BROWN C M 3470 Me BROWN C M 3460 Ark BROWN D S 1000 Calif BROWN D S 9900 Tenn BROWN D S 1000 Calif
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J □ 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C M 3430 Ind BROWN C S 4770 Me BROWN C B 4430 Ind BROWN C S 4770 Me BROWN C B 4500 Ark BROWN D M 3430 Ind BROWN D M 3430 Ind BROWN C S 4770 Me BROWN D M 360 Ark BROWN D M 360 Ark BROWN D M 360 Ark BROWN D M 500 Tenn BROWN E M 500
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J D 6320 Mont BROWN C J D 6320 Mont BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C M 3460 Colo BROWN C M 3460 Ark BROWN C M 3470 Me BROWN C M 3460 Ark BROWN D S 1000 Calif BROWN D S 9900 Tenn BROWN D S 1000 Calif
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALEMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN B A 4380 La BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J C 570 Mont BROWN C L 2480 Ga BROWN C M 3430 Ind BROWN C M 3450 III BROWN C M 3450 III BROWN D M 3450 Ind BROWN D M 3450 Ind BROWN D S 1100 Calif BROWN D S 100 Calif BROWN E 2 290 Ga BROWN E 2 290 Ga BROWN E 3 8300 Pa BROWN E 3 8300 Pa BROWN E 4 7250 N Y BROWN E 5 800 Pa BROWN S 1 800 Pa BROWN G 1 800 Pa BROWN G 1 800 Pa BROWN G 1 100 Wyo
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C S 4770 Me BROWN C H 3550 III BROWN C B 4700 Me BROWN D A 560 Ark BROWN D A 560 Ark BROWN D B 9900 Tenn BROWN D B 9724 Tenn BROWN B 9724 Tenn BROWN E B 2390 Ga BROWN E B 2390 Ga BROWN E B 3700 Iowa BROWN E B 3820 Pa BROWN E B 3820 Pa BROWN E B 3820 Pa BROWN E J 8820 Pa BROWN E B 2240 Fla BROWN G B 2240 Fla BROWN G B 2240 Fla BROWN G B 8722 Oreg BROWN G W 8722 Oreg BROWN G W 8722 Oreg
BROWN A R 2350 Ga BROWN ALEMEDA P Mrs 10510 Utah BROWN ALMEDA P Mrs 10510 Utah BROWN B A 5570 Minn BROWN B F 4210 Ky BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2480 Ga BROWN C L 2480 Ga BROWN C M 3250 III BROWN C M 3430 Ind BROWN C S 4770 Me BROWN C H 1510 F 160 Colo BROWN C B 7470 Me BROWN D A 560 Ark BROWN D B 9900 Tenn BROWN D B 9900 Tenn BROWN D B 7724 Tenn BROWN D B 7724 Tenn BROWN D B 7724 Tenn BROWN E D 660 Ark BROWN E D 660 Ark BROWN E B 77250 N Y BROWN E B 77250 N Y BROWN E B 7820 Pa BROWN E B 7820
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN C B 43430 Ind BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN D G 560 Ark BROWN D S 1100 Calif BROWN D S 1700 Iowa BROWN D W 9724 Tenn BROWN D W 9724 Tenn BROWN E D 660 Ark BROWN E D 660 Ar
BROWN A R 2350 Ga BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN ALENE 8380 Okla BROWN B A 5570 Minn BROWN B A 5570 Minn BROWN C A 4380 La BROWN C J 570 Ark BROWN C J 570 Ark BROWN C J 570 Ark BROWN C L 2370 Ga BROWN C L 2480 Ga BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN C B 43430 Ind BROWN C S 4770 Mc BROWN C S 4770 Mc BROWN D G 560 Ark BROWN D S 1100 Calif BROWN D S 1700 Iowa BROWN D W 9724 Tenn BROWN D W 9724 Tenn BROWN E D 660 Ark BROWN E D 660 Ar

BROWN JF 570 Ark

```
BROWN J F 9840 Tenn
BROWN J H 6290 Mont
BROWN J H 9200 R I
BROWN J H 11470 W Va
BROWN J R 4880 La
BROWN J R 5935 Mo
BROWN J R 5935 Mo
BROWN J S 4300 Ky
BROWN J S 4300 Ky
BROWN J S 4300 Ky
BROWN J S 4500 Fa
BROWN JOYE E 8820 Pa
BROWN JUNEC Mrs 3750 Iowa
BROWN KI 8030 Ohio
BROWN L H 5250 Mich
BROWN H H 4640 Me
BRUHN H D 11640 Wis
BROWN JOYEE & 8820 Po
BROWN JUNEC Mrs 3750 Iowa
BROWN KI 8030 Chio
BROWN LA 5220 Mich
BROWN LO 570 Ark
BROWN LO 570 Ark
BROWN LO 570 Ark
BROWN LAVERN 240 Ala
BROWN LAVERN 240 Ala
BROWN MAC 6040 Mo
BROWN MF 6070 Mo
BROWN MF 10760 Vt
BROWN MF 11740 Wrs
BROWN MF 11740 Wrs
BROWN MRAIORIE M 5580 Minn
BROWN NA 5935 Mo
BROWN NA 6 1220 Mo
BROWN NA 6 1220 Mo
BROWN PHYLLIST 9210 R I
BROWN PHYLLIST 9210 R I
BROWN RE 2330 Ga
BROWN RE 2330 Md
BROWN RE 2330 Md
BROWN RE 2330 Md
BROWN RE 2330 Md
BROWN RE 2330 Ga
BROWN RE 4460 La
BROWN RE 4560 La
BROWN RE 4560 La
BROWN RE 4560 La
BROWN RE 4560 La
BROWN RE 5550 Minn
BROWN RE 450 La
BROWN RE 4580 La
BROWN RE 4580 La
BROWN RE 5550 Minn
BROWN RE 5550 Minn
BROWN RE 4580 La
BROWN RE 5550 Minn
BRULLEY W B 3100 Ohio
BRULLEY W B 3100 Ohio
BRULLEY W B 3100 Ohio
            BROWNELL F W 3406 III

BROWNELL J W 3405 III

BROWNING C B 2060 Fla

BROWNING CAROLE G Mrs 1580 Conn

BROWNING D B 3550 III

BROWNING D B 3550 III

BROWNING D B 3550 III

        BROWNING D R
        3250
        Il1
        BUBL JANET
        8620
        Oreq

        BROWNING G E
        3700
        Iowa
        BUBLITZ W J
        8723
        Orea
```

BRYAN-ARANA CARLOS 8960 PR BRYANTES 1580 Conn BRYANTELLENS Mrs 5840 Miss BRYSON BERTHA S Mrs 4500 La BUCHENAU G W 9660 S Dak

### BUCHER-BUTLER

BUCHER PF 620 Most
BUCHENT PF 1370 Ws
BUCHENT PF 1370 Ws
BUCHENT PF 1370 Ws
BUCK D 270 Fis
BUCK

BUTLER OD 10040 Tex
BUTLER C 11440 W Vg
BUTLER R C 11440 W Vg
BUTLER R C 11440 W Vg
BUTLER R C 10450 W Vg
BUTLER R C 10450 W Vg
BUTLER R C 1050 Colo
BUTLER W C 1050 Colo
BUTLER R C 1050 Colo
CALIDAR R F 1050 Colo
CALIDAR R

CANCIAN FRANCESCA Mrs 7260 N Y

#### CARLSON-CHANDLER

CARLSON—CHANDLER

CARLSON IT 580 love
CARLSON PI 1100 Weah
CARLSON PI 1100 Weah
CARLSON PI 1100 Weah
CARLSON PI 1100 Cold
CARLSON PI 11

CHANDLER LUCILLED Data 99(10)
CHANDLER P T 10070 V1
CHANDLER P T 10070 V1
CHANDLER P T 10070 V1
CHANDLER P T 200 Ca
CHANDLER P

### CLARK-COLLINS

CLARK EV 7470 N.C.
CLARK ELIZABETH Dive 7630

CLEMENTS R.L. 8000 Obio
CLEMENTS

COLLINS R M 5680 Minn

COLLINS R PATRICIA 810 Calif

CONOVER R A 2240 Fla

CONOPER R C 210 Ala

COOPER R C 210 Ala

COLLEGE A R 614 LG

COLLEG

COSTILOW RN SIGN Mich COSTONTINO RF 8914 Pp COLL CX V S 6100 Mex COX V S 7700 Mass C

CUMMINGS W C 590 Ark CUMMINGS W H 6 CSRS

CROWLEY J W 11610 Wis CROWLEY - 8780 Pa CURRAN C H 2240 Fla CURRENCE H D 3710 Iswa CHOWLEY L 8780 Pa CHOWTHER C R 5457 Mich CURRENCE H D 3710 Iswa CURRENCE H D CUMMINGS W C 590 Ark
CUMMINS C 591 Ark
CUMMINS C 591 OV
CUMMINS C 51000 Vo
CUMMINS G B 3450 Ind
CUNNINS G B 3450 I DAPORTA M ROJAS 9030 P R D'APPOLONIA B L 7760 N Dak

#### DAVEY-DEIBEL

DAVEY LIJEE I 750 New
DAVE LI 1900 New
D

| DELACH | DELACE | DELOACH D B 960 Cattl
DeLOACH # 960 S Dab
DeLONG SARA K km 9755 Pa
de LOGHCH # 960 S Dab
DeLONG SARA K km 9755 Pa
de LOGHCH # 960 S Dab
DeLONG SARA K km 9755 Pa
DELOUCHE L C 5700 Miss
DELPENDAL JOHANNES 4690
M. P.
DELPENDAL JOHANNES 4690
M. P.
DELPENDAL JOHANNES 4690
M. P.
DELVALLE F 1 1890 Wis
DELVALLE F 1 1890 PR
DELUCA H F 1 1890 Wis
DELVALLE F 1 880 PR
DELUCA H F 1 1890 Wis
DELVALLE F 1 880 PR
DELWICHE C 120 Cold
DELWING I C 120 Cold
DELWING I S 3300 fow
P. P.
DELWICHE C 120 Cold
DELWING I S 3300 fow
P. P.
DEMEYSH F 1 1510 Colo
DEMONI J A 2390 G
DEMONY J 3300 fow
DEMOYT J 1 9750 Tom
DEMISSIVA H 2810 Ca
DEMOSTER H 830 Coll
DEMOST J 9750 Tom
DEMISSIVA H 2810 Ca
DEMOSTER H 830 Coll
DEMSETY A H 2810 Ca
DEMSTER H 830 Coll
DEMSTER L 3760 low
DENING I S 200 Md
DEWSTER H 830 Md
DEWSTER H 830 Md
DENING I S 200 M

#### DILLARD-DRAPER

DILLARD I G STO Mas

DILLOR D I BIS COLD

DILLOR D I BIS COLD

DODGE VA 1850 M H

DODGE I M 1940 Celif

DODGE VA 1850 M H

DOGGE VA 1850 M H

DOGG

DIAPER RP 10540 Unds
DRAFER RP 10550 Mas
DRAFER RP 10550 Mas
DRAFER RP 10550 Mas
DRAFER RP 10550 Unds
DRAFER RP 10

#### EATON-ENGELBERT

EATON-ENCELBERT

EATON FANNUS 30 104 Tex
EATON GR 200 Kan
EATON H D 1590 Can
EBELLIN WALTER 1190 Calif
EBERHARD H D 1870 AND
EBERHARD H D 1870 Can
EBERHARD H D 1500 Can
EBERHARD H D 1870 Can
EBERHARD H

ENGELHARD A W 2240 Fla
ENGELKEN J H 7362 N Y
ENGENE'S A 5520 Minn
ENGERBERTSON CAROL L 4500 La
ENGLAND D C 8470 Oreq
ENGLAND B 3280 III
ENGLE C F 11390 W Va
ENGLAND B 7870 P a
ENGLENE B 750 P a
ENGLEHORN A J 3630 lowa
ENGLENE B 750 P a
ENGLEHORN A J 3630 lowa
ENGLEHORN A M 10300 Tex
ENGLISH J E 6100 Mo
ENGLISH J E 6100 Mo
ENGLISH W 10310 Tex
ENGLISH N B 1090 Calif
ENGRAM L W 10310 Tex
ENGLISH W 10320 Tex
ENGLISH W 10320 Tex
ENGLISH W 10320 Tex
ENGLISH W 10320 Tex
ENIST B 750 N Y
ENNIS LA MRENCE 120 Ala
ENSIGN R D 3060 Idaho
ENSIGN R EPSTEIN EMANUAL 1120 Calif
ERB DM 6390 Mont
ERB R B 3340 Ind
ERCANBRACK SK 3070 Idaho
ERCANBRACK SK 3070 Idaho
ERCEGOVICH C D 8810 Pa
ERDELYI IVAN 4080 Kan
ERDMANN M H 5230 Mich
ERDMANN M H 5230 Mich
ERDMANN M H 5230 Mich
ERICKSON A E 5420 Mich
ERICKSON A E 5420 Mich
ERICKSON ANN M 5580 Minn
ERICKSON ANN M 5580 Minn
ERICKSON ANN M 5580 Minn
ERICKSON B H 9900 Tenn
ERICKSON ANN M 5580 Minn
EVANS J B 7505 N C
EVANS H J 8480 Oreg
EVANS J B 7505 N C
E

# FANNING-FISCHER

FARRING PS 4610 M

FARRING DS 4610 M

FARRING DS 6011 FEBER A A 5075 Mase

FARRING CARL 2000 FE

FARRING CARL 2000 FE

FARRING DS 6011 FEBER A 5075 Mase

FEBER A 5011 Mase

F

FISCHER JOY A 7935 ONLD
FISCHER R B 7250 NY
FISCHER R B 7250 Man
FISCHER C B 3850 Mins
FISCHER C B 3850

#### FOWLER-FULLERTON

FOWLER #5 1129 Weeth
FOWLER WE DAY
FOWLER #5 1290 Weeth
FOX EX \$11850 Wip
FOX HIN \$330 WIP
FOX HIN \$33

FULLERTON T M 560 Ark GALGAN W 11200 Wash FULLILOVE H M III 2760 Ga GALINAT W C 5075 Mass GARMAN PHILIP 1740 Conn PHILIP 1740

GAAFAR S M 3560 Ind
GABELAR S M 3560 Ind
GABBARINO A J 9760 Tenn
GABEL A A 8040 Ohio
GABDLAR S M 11730 Wis
GABELMAN W H 11730 Wis
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GABLE L F 2200 Fla
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GABELAR S M 11730 Wis
GABLE L F 2200 Fla
GARDNER F L M 10160 Tex
GASTON H P 5350 Mich
GASTON L K 1270 Calif

GASPER EDITH H Mrs 1580 Conn

## GAUYA-GLASSCOCK

CANTY N. S. 1990 Some
CANTY F. 1 890 Nm.
CANTY F. 1

CLEATE FT 9: All CLAZE FT 9: A

GRAF TO TIBES UND
GRAFFED NS 1550 LIB
GRAFFED

GROOMS SHETLEY Ms 550 Alx
GROOVES FIX 11620 Wis
GROOVES GLADYS H Mrs 7820 N Dok
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES FIX 11620 Wis
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES FIX 1120 Wish
GROOVES FIX 1120 Wish
GROOVES FIX 1120 Wish
GROUVES FIX 1120 Wish
GROOVES GROOVES GLADYS H Mrs 7820 N Dok
GROOVES FIX 11200 Wish
GR GUEDHY L. J. 4400 La
GUENTHER J. J. 8400 Okla
GUENTHER J. J. 8400 Okla
GUENTHER EDMUND 9520 S Dak
GUENTHNER H. B. 6390 Mont
GUENTHNER H. B. 6390 Mont
GUERA A. A. 10310 Tex
GUEST M. F. 1140 Calif
GUEST M. F. 1140 Calif
GUEST M. T. 250 N. Y
GUEVARA M. C. 9100 P. R
GUELA M. 3880 Kans
GUIHER J. K. 3340 III
GUILD J. P. 1350 Calif
GUILD J. P. 1350 Calif
GUILD J. P. 1350 Calif
GUILL D. V. GUILL D. W. V. GUILL D. D. 2220 Fla
GUILL D. W. V. GUILL D. D. 2220 Fla
GUILL D. W. C. GUILL D. G. G. S. S. S. Mich
HACKER G. T. S. S. S. Mich
HALE G. M. S. S. S. S. Mich
HALE G. M. S. S. S. S. Mich
HALE G. M. S. S. HAJEK B F 30 Ala HALAZON G C 3880 Kans HALBROOK W A 590 Ark

#### HALL-HARDIN

HALL PH 100 Coll
HALL DH 100 Coll
HALL Coll

 HARDIN E E
 8560 Oreq
 HARRADINE F F 1120 Calif
 HARRISON R L 10830 Va

 HARDIN J W 7390 N C
 HARRELL A T 4470 La
 HARRISON R M 2720 Ga

 HARDIN L S 3460 Ind
 HARRELL D C 9480 S C
 HARRISON R M 2720 Ga

 HARDIN N C 11490 W Va
 HARRELL E A 2630 Ga
 HARRISON T B 9750 Tenn

 HARDING J A 995 Calif
 HARRELL GERTRUDE P Mrs 2990
 HARRISON W B 10820 Va

 HARDING J S 7260 N Y
 Hawaii
 HARRISON D L L 8150 Ohlo

HARDIN I V 7900 N C
HARDIN N C 11490 WV
HARDIN C 11490 WV
HARDIN R S 1190 Cult
HARDIN R S 1190 Cult
HARDIN R S 1905 P P
HARDIN V R 10490 MS
HARDIN

## HARWOOD-HELBACKA

HARMOD-HELBACKA

HARMOD-HELBACKA

HARMON R. 4910 M.

HARMON R. 1000 COLUMN Mrs. 4910 M.

HARMON R. 1000 Mrs. 4910 M.

HARMON R. 1000 COLUMN Mrs. 4910 M.

HARMON R. 1000 Mrs. 4910 Mrs. 4910

##LELDRATUR 330 Min
##LELD

# HICKMAN-HOFF

HILLSON M 7 1805 Po HILLSON M 7 1805 INV HILLSON M HILLMAN DONALD 5240 Mich

HOFF H B 1500 Colo

HOFF J C 1910 Wvo
HOFF J C 1934 Idaha
HOFF J E 3540 Ind
HOFF B C 3523 Idaha
HOFF A 6230 Mont
HOFF T A 6230 Mont
HOFF B C 5410 Mch
HOFF HOLCOMB J W 10010 Tex
HOLDEMAN LILLIAN V Mrs 11000 Va
HOLDEM CA 2230 Fla
HOLDEN D J 9550 S Dak
HOLDER RAPY E 6820 N H
HOLT A D 9720 Tenn
HOLDSWORTH R P Jr 7990 Ohio
HOLE DROOTHY S Mrs 3150 Idaho
HOLE DROOTHY S Mrs 3150 Idaho
HOLE DROOTHY S Mrs 3150 Idaho
HOLF C 10180 Tex
HOLLIAN D R 700 Ark
HOLT C 4730 Me
HOLT C AROL Y Mrs 5340 Mich
HOLT D A 3420 Ind
HOLT D B 6720 N H
HOLTAMN D W 3030 Howait
HOLLAND D F 3200 Mich
HOLLAND J F 3210 Mich
HOLLAND J F 3210 Mich
HOLLAND J F 3210 Mich
HOLLAND D R 77250 N Y
HOLLAND N 7 7830 N Dak
HOLLAND R F 7250 N Y
HOLLAND R F 7250 N Y
HOLLAND R F 7450 N C
HOLLAND R F 8500 Orea
HOLLAND R F 7450 N C
HOLLAND R F 8500 Orea
HOLLAND

### HOSKINS-HUNT

HOSKINS-HUNT

HOSKINS P H 488 LO

GOSKINS SORAH 17 2200 Ge

HOWELL H B 390 love

HOWELL H B 3

HUNT L M 10310 Tex HYER A H 900 Calif IVERSON R D 3720 Iowa HUNT SARA M 1650 Conn HYLAND FAY 4680 Me IVEY EUNICE 133 Ala HUNT SARA M 1650 Conn HYLAND MARY R 3530 Ind IVEY H W 240 Ala HUNTER A G 140 Ala HYLIN J W 2930 Haw IVEY M C 10300 Tex HUNTER A F 7540 N C HYMOWITZ THEODORE 3250 III IVEY M D 220 Ala HUNTER A S 8740 Pa HYRE H M 11400 W Va IVEY M C 200 Ala HYRE R A 8864 Pa IVY ROSCOE 5880 Miss HUNTER J A 4340 La HYRE R A 8864 Pa IVY ROSCOE 5880 Miss HUNTER J B 3030 Hawaii HUNTER J B 6610 Nev HUNTER J B 4100 Me HUNTER J H 4710 Me HUNTER JM 6920 N J

1

HINTER JE 3000 Bewort
HINTER JH 4710 Me
HINTER JM 8200 NJ
HINTER J

## JAIRELL-JOHNSON

| ARELL - JOHNSON | JANUARY | JANUAR

JOHNSON J R 2 JOHNSON J S 1	350 G	a Vis	
JOHNSON J W 9	<b>730 T</b> 0295 T	enn Tex	
JOHNSON JOE JOHNSON JOE JOHNSON JOE JOHNSON JANE	E 5715	Miss	
JOHNSON JOHN	W 7470		
JOHNSON K L JOHNSON K W	11910 8 <b>000 м</b>		
JOHNSON L B	<b>40</b> 50 1	lich Kans Dak	
JOHNSON L.C.	3040 C	Wash hio	
TOHNSON I F	130 Id 9722 T 61 <b>90 M</b>	laho Cenn <b>lon</b> t	
JOHNSON L J 8	740 P	α	
JOHNSON L R JOHNSON L W JOHNSON LARU	90 Al		
JOHNSON LAURI JOHNSON LESTI	R 842	n Okla	
JOHNSON ME 3 JOHNSON M J 8	3150 Io	daho	ın
JOHNSON M J I	8740	Pα	
JOHNSON MARY JOHNSON MAURI JOHNSON N A	TZ 72 320 Ar	250 NY	
JOHNSON NAOM		IY 70 Kans	5
JOHNSON P E		Okla	
JOHNSON P E		(ans	
JOHNSON P L	140 Ar 2480 G 30 Ala	lα	
JOHNSON P R JOHNSON P S	5457 M	IC lich IDak	
JOHNSON R B		'la	
JOHNSON R D	6480 N	owa lebr ılif	
JOHNSON RE	1590 C 5 <b>590</b> N	Conn Iebr	
JOHNSON R H	590 Ar	N Dak k Wash	
JOHNSON R L JOHNSON R L	4010 H 7690 N	Kans 1 Dak	
JOHNSON R L	3970 H	Miss Kom Utah	
JOHNSON R M JOHNSON R R	7910 (	Ohio Ohio Ohio	
JOHNSON R V JOHNSON ROBE	3270 I RTA Mr	ll s 10110	
JOHNSON RUTH JOHNSON S D JOHNSON S R	7280 N	8620 O 1 Y Mo	reg
	960 Ca ART 1	600 Co	nn
JOHNSON V Å JOHNSON V K	6410 1 7690 1	Vebr N Dak	
JOHNSON V W JOHNSON W A JOHNSON W A	170 A	Mich la La	
JOHNSON W C	7000 1	N J Tenn	

JONES E W 8420 Okla JONES W F 5700 Miss JONES E W 7410 N C JONES ERNA B 9970 Tenn JONES EVELYN G Mrs 7645 N C

JOHNSON W C	10295	Tex	JONES F E	1000	Calif	
JOHNSON W C	Jr	30	Ala	JONES F M	690	Ark
JOHNSON W G	11400	W Vα	JONES F W	1980	Del	
JOHNSON W H	7430	N C	JONES F AYE C	460	Artz	
JOHNSON W H	7980	Ohio	JONES G E	2000	Fla	
JOHNSON W H	8150	Ohio	JONES G D	11010	Vα	
JOHNSON W H	8150	NC	JONES G D	11010	Vα	
JOHNSON W L	7380	NC	JONES G E	3510	Ind	
JOHNSON W L	7380	NC	JONES G E	3510	Ind	
JOHNSON W L	2280	Fla	JONES G E	3510	Ind	
JOHNSON W L	2280	Fla	JONES G E	3510	Ind	
JOHNSON W L	2280	Fla	JONES G E	3610	Artz	
JOHNSON W M	250	Ala	JONES H E	2390	Ga	
JOHNSON W S	3560	Ind	JONES H E	3850	Kans	
JOHNSON W T	7660	N C	JONES H E	3850	Kans	
JOHNSON W AYMAN	9370	S C	JONES H E	3850	Kans	
JOHNSON W MAYMAN	9370	S C	JONES H E	3850	Ind	
JOHNSON W MAYMAN	9370	S C	JONES H E	3430	Ind	
JOHNSTON ALBERTA	8620	Oreq	JONES J C	4890	Md	
JOHNSTON E F	4690	Me	JONES J E	4350	La	
JOHNSTON KATHLEEN	A	3530	Ind			
JOHNSTON MESCAL Mrs	650	Ark	JONES J N	10910	Va	
JOHNSTON R B	5730	Miss	JONES J P	670	Ark	
JOHNSTON R B	5730	Miss	JONES J P	2240	Fla	
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	Ark				
JONES J P	670	A JOHNSTON KATHLEEN A 3530 Ind				
JOHNSTON MESCAL MRS 650 Ark
JOHNSTON MESCAL MRS 650 Ark
JOHNSTON R B 5730 Miss
JOHNSTON R S 8500 Orea
JOHNSTON R S 10530 Utah
JOHNSTON STANLEY 5350 Misch
JOHNSTON STANLEY 5350 Misch
JOHNSTON STANLEY 5350 Misch
JOHNSTON STANLEY 5350 Misch
JOHNSTON TAINLEY 5350 Misch
JOHNSTON VIVIAN L 8000 Ohio
JOHNSTON VIVIAN L 8000 Ohio
JOHNSTON VIVIAN L 8000 Ohio
JOHNSTON VIVIAN L 8001 Ohio
JOHNSTON VIVIAN B 8010 Ohio
JOHNSTON W E 9270 S C
JOHNSTONE W E 970 S C
JOHNSTONE W E 9700 S C
JOH JONES W H Jr 2110 Fla

#### JONES-KEISER

JONES-KEISER

JONES WARREN 470 Artz
JOPPA L. R. 7850 N Tok
JOPPA N TOK
JOP

KEISER MAGIORIE D. MIS 6270 Mont
KEISTER T.D. 4400 L.
KEISTER T.D. 4400

# KING-KNOWLES

KING-KHOWLES

KING & 960 S C
KING EMILY 100 Flo
KING AND GO Sch
KING AND GO SC

ROWLES PF 900 Gall
ROWLTON GF 10610 Utah
ROW

LAMPEHC 9195 RI LAMPEHC 9170 RI

LARSON R L 6045 Mo LARSON W E 5640 Minn

LANGHAM R F 9450 Mish

LANGHAM R F 9450 Mish

LANGHAM R F 9450 Mish

LANGHAM R F 7750 NY

LANGHAM R F 7750 NY

LANGHAM R F 9450 Mish

LANGHAM R P 9450 Mish

LANGHAM R F 9450 Mish

LANGHAM R F 9450 Mish

LAN

## LEEKLEY-LINDSTROM

LEEKLEY J R 300 Alaska

LEOPOLD CLARA 6545 Nebr

LEYDEN R F 10300 Tex

LEYENDECKER P J 7080 N Mex

LEPER R O 220 Ala

LEPER R WAYNE 10020 Tex

LEYENDECKER P J 7170 N Mex

LEPER R WAYNE 10020 Tex

LEPER R WAYNE 10020 Tex LEPERP P N 10295 Two
LEFERRE MINIOZ ROBERTO 1990
LEGATE J IZ 7980 NC
LEGATE J IZ 7980
LEGATE J IZ 798

LINDZEY J S 8862 P8
LINE R F 1320 Web
LINE R F 1

#### LOUGHLIN-MacGREGOR

LOUGHLIN CATHERING C 6660 New
COUTH ANY MAN 190 COND
COUTH AT 190

 
 MACHMEIER R E
 5540 Minn
 MAHADEVAN A P
 3440 Ind
 MANION P D
 7340 N Y

 MacINIS G A
 11000 Va
 MAHAFFEY B D
 10145 Tex
 MANIS H C
 3140 Idaho

 MACINTYRE R J
 7255 N Y
 Wis
 MANKAU SAROJAM Mrs
 1300 Calif

 MACK G L
 7310 N Y
 MAHAF R A
 3750 Iowa
 MANKIN C J
 9660 S Dak

 MACK H J
 8630 Oreg
 MAHANNAH C N
 6680 Nev
 MANLEY W T
 2000 Fla
 MACHEER R S400 Mine
MACHINER AT 1900 Pe
MACK IJ 3600 Pe
MACK IJ 3600 Pe
MACK IJ 3600 Creg
MACK IJ 3600

#### MAROUSEK-MATTERN

MARDUSEK CE 310 16 date
MARDUSEK CE 150 Cole
MARDUSEK CE 150

MATTERN P.I. 640 Meb.

McCUISTON VERNA L Mrs 4240 Ky McCULLICK J J 3970 Kcms

## McCULLOCH-McNAMARA

MCCILLOCH F 972 ORS
MCCILLOCH F 973 ASS MIN
MCCILLOCH

MENAMARA R L 6000 Mo
Menamara was 5000 Mease
Menamara

MEBUS C A 6580 Nebr

MECH S J 11260 Wash

MEDIE E L 400 Ariz

MENZIE S C S 3860 Kons

MENZIES J W 10300 Tex

MEYER FRANCES W 1760 Conn

MEYER HERMANN 1540 Colo

MEDEARIS K D 1460 Colo

MEDEARIS K G 1410 Colo

MEDEARIS K G 1410 Colo

MEDERSKI H J 8070 Ohio

MEDERSKI H J 8070 Ohio

MEDINA E HERNANDEZ 8940 P R

MEDINA E HERNANDEZ 8940 P R

MEDINA-GAUD SIL-VERIO 9010 P R

MEDINA-GAUD SIL-VERIO 9010 P R

MEDINA-GAUD SIL-VERIO 9010 P R

MEDINA C 3970 Kons

MEDITH A A 6920 N J

MERCEN J T 11650 Wis

MERCEN J T 10050 Tex

MEYER HERMANN 1540 Colo

MEYER J H 740 Coli

MEYER J H 7878 Colif

MEYER K B 3560 Ind

MEYER M M Jr 3360 Ill

MEYER M MJr 3360 Ill

MEYER M MJr 3360 Ill

MEYER M MJr 3360 Ill

MEYER M M Jr 3360 Ill

MEYER M M Jr 3360 Ill

MEYER M B Jr 3360 Ill

MEYER M M Jr 3360 Ill

MEYER M B Jr 3360 Ill

MEYER M M Jr 3360 Ill

#### MEYER-MINGES

MEYER VG S800 Mins
MEYER VG 1170 No Norw
MEYER VG VG 220; F10
MEYER VG 120; F10
MEYER VG VG 220; F10
MEYER VG 120; F10
MEYER VG 120; F10
MEYER VG VG 220; F10
MEYER VG 120; F10
MEYER VG 1

MINICE LID 390 Kms
MINITE FLORENCE O Mr. 6900 N J
MINITE FLORE

## MORAN-MULLETT

MORAN MULLETT

MORAN

MURPHY B C 5/00 Miss MURPHY C F 7400 N C MURPHY C L 6392 Mont MURPHY D M 8870 Pa | MURPHY C L 6392 | Mont | MURPHY D M 8870 | Pa | MURPHY ELLENA | 11660 | Wis | MURPHY ELLZABETH F | 4770 | Me | MURPHY ELIZABETH F | 4770 | Me | MURPHY H J | 4770 | Me | MURPHY J L | 11375 | Wash | MURPHY J L | 11375 | Wash | MURPHY J D | 11375 | Wash | MURPHY J O | 11375 | Wash | MURPHY J O | 11375 | Wash | MURPHY K R | 310 | Ariz | NAGEL C M | 9660 | S Dak | NAGEL C W | 11310 | Wash | NAGEL W P | 8530 | Oreq | NAGLE D K | 9130 | R1 | NAGLE M VIRGINIA Mrs | 5580 | Minn | NAGMITSU M | 11190 | Wash | NAGMITSU M | 11190 | Wash | NAGMITSU M | 11190 | Wash | NAGEOTTE G J | 10934 | Va | NAGY JULIUS | 1430 | Colo | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Murphy W D | 3220 | Ill | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Murphy W D | 3240 | Ill | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Murphy W D | 3240 | Ill | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Haw | NAKAGAWA YUKIO | 3000 | Haw | NELSON A LLEN P | 6260 | Mont | NEFF C L | 6390 | Mont | NEFF C L | 6390 | Mont | NEFF C L | 6390 | Mac | NEGRON Jack | NEGRON Jack | NEGRON Jack | NEGRON JORTIZ | 9050 | PR | NEG

MULLICAN H F 7250 N Y
MULLIN A C 7470 N C
MULLIN 12 2000 Fla
MULLIN FOREST 5590 Minn
MULLIN ROBERT 5590 Minn
MULLIN ROBERT 5590 Minn
MULLIN S A M 4250 La
MU NEFFEL 6390 Mont
NEFFEL 6390 Mont
NEFFE 10860 Va
NEGINS 60 Ala
NEGRON F DIAZ Miss 8990 P R

## NELSON-NORMAN

NELOUR DD 7940 N°

NELOUR DD 794

NORMAND D.A. 7980 Obio NORMAND D.A. 7980 Obio NORMAND D.A. 7980 Obio NORMAND C.A. 7980 Obio

# O'NEIL-PARIZEK

OSWALD J W 4130 Ky
OSWALD J W 4260 Ky
OSWALT E S 8440 Okla
OSWALT R M 8260 Okla OSWALT E S 8440 Okla PARLBERG DON 346C Ind PARCHER LA 8320 Okla OTERO DAVILA RENE 8950 P R OTERO J E PEREZ 9000 P R PACKER P E 10560 Utah PARDUE F E 9330 S C OTT G O 7140 N Mex OTT J R 590 Ark PACKER P E 10560 Utah PARLBERG D Ind PARLBERG HORACE 10560 Utah PARDUE F E 9330 S C OTT E G 3410 Ind PADBERG D I 7250 N Y PACKET L V 4240 Ky PARLMER S 2560 Conn

O'NEIL F W 7555 NY
O'NEIL F W 7555 NY
O'NEIL F W 7555 NY
O'NEILL F W 10563 VG
O'NEILL W 1

## PEDERSON-PHILLIPS

PEDENCIA C. 5560 Mino
PEDIDO I. P. 3800 Iono

PHILLIPS E.L. 10800 V9
PHILLIPS G.E. 7880 Ohio
PHILLIPS G.E. 7880 Ohio
PHILLIPS G.E. 7880 Ohio
PHILLIPS J. 7860 N.C
PHILLIPS J. 7860 N.C
PHILLIPS J. A 7860 N.C

# POTTER-QUIMBY

POTTER CL. 800 Ones
POTTER CL. 800 Ones
POTTER CUITOMIN Livis 1770
Libido
POTTER RE SAU Mass
POTTER ME SAU Mass
POUNDE SAU MASS
POTTER ME SAU Mass
POUNDE SAU MASS
POTTER ME SAU MASS
PO

## REED-RICKETTS

REED-RICKETTS

REED FISTOR MAS SSSS Mass RECHERCED RETTERAL \$10.0 III RECORD RETTERAL \$10.0 III

RICKEY G F 7210 N Y
RICKEY J 5250 Much
RICCE D J 5250 Much
RICCE D J 5250 Much
RICCE D J 5250 Much
RICCE C ATT STORE L Mar 5210 Culc
RICCE C ATT STORE L Mar 520 Culc

## RODRIGUEZ-ROY

RODRIGUEZ-CACARDERA ANGEL 9110
RODRIGUEZ-W ARGAS BEATHIZ Me
840 PR
RODRIGUEZ-W ARGAS BEATHIZ Me
840 PR
RODRIGUEZ-W ZAFATA LILIAN Me

9085 P R

RYDEN E R 4870 Md

RULE J H 9730 Tenn

RYDER G J 7935 Ohio

SAMUELS C E 8580 Oreg

RULEY BESSIE J 460 Ariz

RYDER G J 8000 Ohio

SAMUELS G 8940 P R

SANCHEZ L O Jr 7120 N Mex

RUMBAUGH M D 9510 S Dak

RYDER R A 1430 Colo

SANCHEZ L O Jr 7120 N Mex

RUMBAUGH M D 9510 S Dak

RYDRYCH D J 8720 Oreg

RYERSON D E 6200 Mont

RUMBURG C B 8720 Oreg

RYERSON D E 6200 Mont

RYMER R E 600 Ark

RUMBY M G 6590 Nebr

RYKER R E 600 Ark

RUMBY M G 6590 Ohio

RYLANDER C C 6260 Mont

RUMD R C 3440 Ind

RYMAL K S 170 Ala

RYMAL K S 170 Ala

RYMOR 6100 Mo

RYLANDER C Mont

RYMER R B 6100 Mo

RYMER R B 6100 RUNK W M 6920 N J RUNKELS J R 10275 Tex RUNNELS T D 1810 Del RUNNER M H 8860 Pa RUNSICK J S 690 Ark
RUPPEL ANNABEL J 3510 Ind
RUPP J P 8420 Okla
RUPPEL E G 490 Ariz
RUPPEL R F 5280 Mich
RUSCHELL G J 4210 Ky
RUSCHEL A 4390 La
RUSHING ANN O 5730 Miss
RUSCH A 4390 La
RUSCHEL A 4390 La
RUSCHEL BARBARA J 7270 NY
RUSCHEL BARBARA J 7270 NY
RUSCHL C C 8220 Okla
RUSSELL CAROLYN D Mrs 7450 N C
RUSSELL D H 10310 Tex
RUSSELL G F 955 Calif
RUSSELL L H G 3260 Ill
RUSSELL L H 10270 Tex
RUSSELL L W 9810 Tenn
RUSSELL L W 9810 Tenn
RUSSELL M B 3250 Ill
SAHS W W 6590 Nebr

SANVEDRA-delTORO EMILIO 8980
SAAVEDRA-delTORO EMILIO 8980
SAAVEDRA-delTORO EMILIO 8980
SANDBERG H D 270 Alacka
SANDERG H D 270 Alacka
SANDERG H D 270 Alacka
SANDERG H 270 Alacka
SANDERG H D 270 Alacka
SANDERG H D 270 Alacka
SANDERG H D 270 Alacka
SANDERG H 270 Alacka
SANDERG H 270 Alacka RUNSICK JS 690 Ark RUPEL ANNABEL J 3510 Ind

RYDEN E R 4870 Md RYDER G J 7935 Ohio RYMAL KS 170 Ala
RYNO R 6100 Mo
RYSER G K 10540 Utah
RYUGO KAY 1100 Calif

S

SAMUEL MERRIL Jr 5880 Miss SAMUELS C E 8580 Oreg SANCHEZPA 7540 NC SANCHEZ RITA MAE 4550 La SAN CLEMENTE C L 5430 Mich SANDAL P.C. 7680 N.Dak SANDERS GEORGIA D Mrs 4460 La SANDINE YE 8850 Oreo
SANAGE EL 720 N Y
SANAGE EL

SEARS LOTTI M STEINITZ Mrs 6045 Mo SEIMER E G IS60 Colo SEKELLICK MARGARET J 1640 Conn

# SELL-SHILLINGER

SELL 11. 7600 N DOW.
SPLICES STORY OF STORY OF STANDARD LM 1180 Cold.
SPLICES STANDARD

SKRDLA W H 3630 Iowa SKROCH W A 7500 N C

## SKUCIUS-SMITH

SKUCIUS ELAINE M 6530 Nebr
SLACK D A 670 Ark SLACK S T 7250 N Y
SLANETZ L W 6830 N H SLATE G L 7330 N Y
SLATE G L 7330 N Y SLATE W L 1700 Conn SLATER I W 11870 Wyo SLATTEN BILLIE H 4435 La
SLATTEN BILLIE H 4435 La SLATTER W L 7950 Ohio SLATTER W L 8120 Ohio
SLATTER W L 8120 Ohio SLAYBACK R F 520 Ariz
SLAYBACK R F 520 Ariz SLAYTON A R 10930 Va SLEDGE G W 11560 Wis
SLEDGE G W 11560 Wis SLEDGE G W 11630 Wis SLEEPER B P 7730 N Dak SLEESMAN J P 7990 Ohio
SLEESMAN J P 7990 Ohio
SLEIGHT'S D 5430 Mich SLICKTRS ALLEN 3455 Ind
SLIFT: F W 3250 III SLIKER A W 5365 Mich
SLINKARD A E 3190 Idaho SLINKMAN ANNABELLE I 3970 Ko
SLINKMAN ZOFF Mrs. 3970 Koms
SLOAN ANN 1880 Del SLOAN DON 570 Ark SLOAN F.S. 7450 N.C
SLOAN F S 7450 N C SLOAN F S 7450 N C SLOAN J 5465 Minn SLOAN JACK 10290 Tex SLOAN N F 5457 Mich SLOAN R F 3850 Kans SLOAN R P 6790 N H
SLOAN N.F. 5457 Mich
SLOAN R P 6790 N H
SLOANE L W 4580 La SLOBIN L I 7255 N Y SLOCUM W L 11330 Wash
SLOCUM W L 11330 Wash SLOGGETT G R 8320 Okla
SLOSSER JE 440 Anz SLUSHER J P 4000 Kans
SLYTERSE 3070 Idaho SMALLEYEB 11770 Wis
SLOCOUM W L 11330 Wash SLOGSETT G R 8320 Okla SLOSSERJE 445 Anz SLUSHER J P 4000 Kans SLYTER S E 3070 Idaho SMALLEY E B 11770 Wis SMALLING J D 9740 Tenn SMART G C Jr 2090 Fla SMART MOLLIE Mrs 9210 R I SMART R A 10590 Ilah
SMART MOLLIE Mrs 9210 R I
SMARTRA 10590 Utah SMARTRC 9210 RI SMARTWWGJr 2750 Ga
SMATHERS RENATA Mrs 8010 Ohio
SMEAL P L 10960 Va SMELSER D D 1500 Colo SMENTOWSKI F J 1007C Tex SMERCHECK J F 3920 Kans SMERDON E T 10020 Tex SMIBERT R M 11000 Va SMICK A A 11330 Wash
SMENTOWSKIF J 1007C Tex SMERCHECK JF 3920 Kans
SMERDON E T 10020 Tex SMIBERT R M 11000 Vα
SMICK A A 11330 Wash SMID JOHANNE'S 7342 N Y
SMID JOHANNUS 7342 N Y SMIKA D E 6590 Nebr SMILEY J H 4140 Kv
SMILEY J H 4140 Ky SMILEY W L 660 Ark SMILIE J L 4430 La SMILOWITZ ZANE 8810 PJ
SMILOWITZ ZANE 8810 Pu
SMIT C J B 2460 Ga SMITH A C 1590 Conn SMITH A C Sr 4460 La
SMITH A D 10560 Utah
SMITH A D 10560 Utah SMITH A H 400 Ariz SMITH A H 915 Calif
SMITH A M 10650 Vt SMITH A O 11090 Va
SMITH AGNES Mrs 8010 Ohio SMITH B A 10295 Tex
SMITH B J 2755 Ga
SMITH B P 1680 Conn SMITH B W 7480 N C SMITH BEATRICE M Mrs 6170 Mo
SMITH BETTY 7260 N Y SMITH C A 4330 Kv
SMITH C B 8860 Pa SMITH C D 3240 III
SMITH C B 8660 Pa SMITH C D 3240 III SMITH C F 7440 N C SMITH C H 10540 Utah
SMITH C J 5650 Minn

```
        SMITH C K
        8 225
        Ohio
        SMITH H W
        31 40
        Idaho

        SMITH C L
        8550
        Oreq
        SMITH H W
        11190
        Wash

        SMITH C M
        6290
        Mont
        SMITH I K
        7250
        N Y

        SMITH C N
        2000
        Fla
        SMITH J A
        4280
        Ky

        SMITH C R
        4870
        Md
        SMITH J A
        2400
        Ga

        SMITH C R
        7000
        N J
        SMITH J C
        11010
        Va

SMITH C M 6290 Mont
SMITH C N 2000 Fla
SMITH C N 470 Md
SMITH C N 2000 Fla
SMITH D N 1430 Colo
SMITH D N 120 Ala
SMITH D N 120 Ala
SMITH D N 2015 Ga
SMITH D N 120 Ala
SMITH D 
                                SMITH C R 4870 Md
SMITH C R 7000 N J

        SMITH H C Jr
        9730
        Tenn
        SMITH R J
        1290
        Calt

        SMITH H D
        4900
        Md
        SMITH R J
        3710
        Iowa

        SMITH B J
        F 690
        Ark
        SMITH R J
        SMITH R J
        F 690
        Ark

        SMITH H J
        9930
        Tenn
        SMITH R L
        5456
        Micn

        SMITH H V
        370
        Ariz
        SMITH R L
        560
        Ark
```

SMITH ALL 2249 File

MATH R.L. 2545 Mich

MATH R.L.

SPERON-STEMBERDOE

SPENDLY 1000 TV TO STANLING TO THE STANLING TO STANLING TO THE STANLING TO STANLING TO THE STANLING TO STAN

STEARNEL 18 6360 Ment
STENNES AN 7850 NC
STENNES AN

# STRANDBERG-SWIFT

STRANDERG\_SHIFT

STMANDERG\_SHIFT

STMANDERG\_STATUS C 20 Flo
STMASC C 1 800, Flo
STMASC C 1 800, Flo
STMANDS C 2 800, Flo
STMANDS C 1 800, Flo
STMANDS C 1 800, Flo
STMANDS C 1 800, Flo
STMANDS C 2 80

### TABLE SECTION AND SECTION

## THAMES-TINSLEY

THAMES—TIMSLEY

TION MA 9000 PR
TIPPERS FRANCES E 20 Ala
TIPPE

TURNER D W 7550 N C
TURNER E C J 1 1020 V2
TURNER E C J 1 1020 V2
TURNER FEED 459 LA
TURNER J 1 360 Mo
TURNER J 1 1360 Mo
TURNER J 1 1360 Mo
TURNER J 1 1370 Ab
TURNER J 1 170 Ab
TURNER HELEY 1700 Conn
TURNER NEELY 

VAN WINKLE M L 2459 Gg

VARGACA-CCEAN MYSIAM 6865 P R

VARROAS EL 2450 Mgs

VARROAD SE LA 2700 Ls

VANNODES LA 2700 Ls

VANDEL T H 1970 Wg

VARROAD L 1540 Kg

VARROA

VYVERBERG MILDRED Mrs 3560 Ind

## WALKER-WATTS

WALKER OF 210 Alto
WALKER OF 210 Alto
WALKER OF 310 Club
WALKER OF 320 DIL

WATTS JAMES 6780 Meho
WATTS AMES 6780 Me
WATTS AMES 6780 Me
WATTS AMES 6780 Me
WATTS ATTECH IN JOS COLO
WATTS ATTECH IN JOS COLO
WATTS ATTECH IN JOS COLO
WASTES THE JOS COLO
WATTS ATTECH IN 500 Meh
WATTS ATTECH IN JOS COLO
WATTS ATTECH IN 500 Meh
WATTS AND ME
WATTS ATTECH IN 500 Meh
WATTS ATTE

## WESTBROOK-WILCOX

WESTBROOK—WILCOX

WESTBROOK—WI

WILCOX JR 3420 fed
WILCOX MEMPHIL 2000 Flg
WILLAMS GR 10900 Va
WIL

## WILSON-WOOTEN

WILSON LICELLE Plans 3300 Ind
MISCON MAY 3200 SC
WILSON MAY 3200 Mich
WILSON MAY 3900 Ner
WILSON WAY 3900

WOODMAN E A H 5451 Mich WOODMANSEE C W 1810 Del WOODRING MURIEL J Mrs 8620 Oreq

WOOTEN CAPOL SMs 570 Act
WYSONG DS 550 Net
WYSONG DF 589 Mas
WOOTEN CAPOL SMS 570 Mas
WOOTEN CAPOL SMS 580 Mas
WOOTEN CAP

ZABIK M J 5280 Mich ZECHES BARBARA J 460 Ariz ZIMMERMAN D R 6420 Nebr ZACHARIAH G L 3420 Ind ZACK APUTUT TO THE STATE OF T ZABİK MARY E Mrs 5340 Mich
ZACHARIAH G L 3490 İnd
ZACHARIAH G L 3490 İnd
ZACHARIAH G L 3490 İnd
ZACHARIAH G L 3490 İnd
ZACK PHYLLİS M 3530 İnd
ZACK PHYLLİS M 3530 İnd
ZAEL B 8722 Oreq
ZAHLER S A 7250 N Y
ZAHNER ROBERT 5452 Mich
ZAHARINK J W 5060 Mass
ZAİ L E 10750 Vt
ZAİC CARMEN M Mrs 7575 N C
ZAİTLİN MİLTON 350 Ariz
ZAK BRATISLAV 8480 Oreq
ZAK J M 5120 Mass
ZALKIN HOWARD 3440 İnd
ZALLEN EUGENIA 4910 Md
ZANE ALEXIS 4140 Ky
ZANEH ELEN VAN 160 Ala
ZAPATA J 9050 P R
ZAPATA M PEREZ 9030 P R
ZAPATA M PEREZ 9030 P R
ZAPATA M PEREZ 9030 P R
ZAPATA M PEREZ 9030 P R
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER B20 Calif
ZAVIS ELECTRI REPUBLICATION PROBLEM PR
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZARKOWER ARIAN 8870 Pa
ZIMDAHL ROBERT 1510 Colo
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 Ariz
ZIMMERMAN 1 J 320 A

ZIMMERMAN H J 6590 Nebr ZIMMERMAN HUGO 6530 Nebr









